

19971118.qrp v00_n913.qrs.971118

Date: Tue, 18 Nov 1997 19:13:30 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 913

QRP-L Digest 913

Topics covered in this issue include:

- 1) [30920] Re: The price of gear in Japan
by "Steve Hurst" <shurst@magiclink.com>
- 2) [30920] RE: The price of gear in Japan
by "Steve Hurst" <shurst@magiclink.com>
- 3) [30920] Solar summary 11-17
by Paul Harden <pharden@aoc.nrao.edu>
- 4) [30920] qrp 6meters?
by WB7WHI@aol.com
- 5) [30920] FOX Report
by "Timothy J. Pettibone" <tpettibo@nmsu.edu>
- 6) [30921] FOX
by gsurrency@juno.com (Gary Surrency)
- 7) [30922] VMC: She's down, she's up, she's down, she's up, she's down,
SHE'S UP!!!!!!
by doug hauff <slmachco@fix.net>
- 8) [30923] Re: qrp 6meters?
by "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
- 9) [30924] N/T+ Foxhunt of 17 NOV 0200-0400 UTC
by ARDUJENSKI@aol.com
- 10) [30925] Re: DEEP CYCLE MARINE BAT?
by "Greg K. Pollard" <cwgreg@worldnet.att.net>
- 11) [30926] Re: FOX Report
by "Ken Hanks" <kennfd@ibm.net>
- 12) [30927] Fox is hiding well.
by n4js@pobox.com
- 13) [30928] STILL no Fox!
by n4js@pobox.com
- 14) [30929] Re: 73 Magazine
by "Dean T. Miller" <dtmiller@dsmnet.com>
- 15) [30930] Re: The price of gear in Japan
by IDEHARA Norimichi <idehara@oak.timis.ac.jp>
- 16) [30930] fox report
by k8cv@juno.com
- 17) [30930] Re: FOX: STATE STANDINGS 1997/98 FOXHUNT
by Lynn Simons <lsimons1@ix.netcom.com>
- 18) [30931] Tnx/ Don Lancaster site info
by wpc@west.net (John Roblin)

- 19) [30930] FCC Part 15
by Sandy W5TVW <ebjr@worldnet.att.net>
- 20) [30930] Fox?
by Dan Wolfe <n4roa@mounet.com>
- 21) [30930] FS: TS930S/AT
by ko7i@juno.com (Donald H Jones)
- 22) [30931] FOX
by k1oj@swbell.net
- 23) [30932] W2UX Fox Report
by "Gary M. - W2UX" <mail4gary@worldnet.att.net>
- 24) [30933] RE: Att files
by K0su@kktv.com
- 25) [30934] W2UX Fox Report....P.S.
by "Gary M. - W2UX" <mail4gary@worldnet.att.net>
- 26) [30935] N/T Fox results - KB0VRV
by "Johnson" <johns516@maroon.tc.umn.edu>
- 27) [30934] Re: Phone SS: Where's the QRP Ops?????????????
by TonyDrumm@ibm.net (Tony Drumm)
- 28) [30935] Re: DEEP CYCLE MARINE BAT?
by Paul Helbert <phelbert@rica.net>
- 29) [30936] Re: Phone SS: Where's the QRP Ops?????????????
by george fremin iii <geoiii@bga.com>
- 30) [30937] Fox: Never skunked award
by "John C. Anderson" <af9t@cp.duluth.mn.us>
- 31) [30938] Coil turn contactor Retro fit kit Re: Multi-band Verticals
by Peter Demmer <ampruss@hits.net>
- 32) [30939] What a great day to get the mail
by David Adams <adamsclan@netgate.net>
- 33) [30940] What a great day to get the mail
by David Adams <adamsclan@netgate.net>
- 34) [30940] Re: Att files
by WB7WHI@aol.com
- 35) [30941] Dan's Small Parts and Kits End of the Year Sale
by Jerry Parker <jparker@fix.net>
- 36) [30942] Re: DEEP CYCLE MARINE BAT?
by Terres Family <terresfm@ncia.net>
- 37) [30943] VT, RI, DELAWARE, ME??
by ARDUJENSKI@aol.com
- 38) [30944] haf47@juno.com
by Rogerio Gonzaga <gonzaga@med.up.pt>
- 39) [30945] HamCalc version 30 available
by Rogerio Gonzaga <gonzaga@med.up.pt>
- 40) [30946] First Kit Ideas
by Tim_McFadden@IngramMicro-Europe.com
- 41) [30947] Date Codes on Batteries
by Paul Helbert <phelbert@rica.net>
- 42) [30948] two bycolor
by Paul Helbert <phelbert@rica.net>

- 43) [30949] Re: DEEP CYCLE MARINE BAT?
by Bob Hightower <ki7mn@dancris.com>
- 44) [30950] Pixie/40-9er Contest Announcement
by Randy Hargenrader <randyh@harksystems.com>
- 45) [30951] Thanks for Info
by aa8yo@tir.com (Bob Fox)
- 46) [30952] Propagation Charts in Graph form
by n4so@juno.com (charles k brown)
- 47) [30952] Bonus points added to Pixie Contest
by Randy Hargenrader <randyh@harksystems.com>
- 48) [30953] Monday foxii
by "Rattray, Bruce" <Rattray@siast.sk.ca>
- 49) [30952] Controlling Offsets for K1MG Clock/Counter Module
by Sam Billingsley <sbillingsley@mindspring.com>
- 50) [30953] FW: RE: Paddle Bases & other ramblings
by gregoire@endor.com
- 51) [30954] Moles EXIST!!
by Chris Cartwright <ccart@dns.vidtel.com>
- 52) [30955] Re: FW: RE: Paddle Bases & other ramblings
by John Evans - N0HJ <jaevans@codenet.net>
- 53) [30956] Deep Cycle marine batteries
by ji3m@maxwell.com (James R. Duffey)
- 54) [30957] foxii
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 55) [30958] Portable Ant??
by Tom Morgan <liveoak@sccoast.net>
- 56) [30959] Re: FW: RE: Paddle Bases & other ramblings
by Steve Galchutt <n0tu@webaccess.net>
- 57) [30959] QRPLSS - VE5QRP -
by "Rattray, Bruce" <Rattray@siast.sk.ca>
- 58) [30960] Re: W2UX Fox Report....P.S.
by Vic Rosenthal <rakefet@rakefet.com>
- 59) [30961] Ham Radio Pays Off
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 60) [30960] RE:Paddle Bases (plus Leather)
by "Marshall Emm" <mgemm@mtechnologies.com>
- 61) [30961] Looking/OHR
by ckrelic@usaor.net
- 62) [30962] QRM Squasher T/R
by PDouglas12@aol.com
- 63) [30963] NOVICE/TECH+ FOX SCORES
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 64) [30964] Re: FOX: Monday N/T
by "KA5T Larry Wise" <lewise@inetport.com>
- 65) [30963] Reverse TVI (IVT?)
by Bill Marsh <k3as@dol.net>
- 66) [30964] Political Stuff
by adams@chuck.dallas.sgi.com (Chuck Adams)

- 67) [30963] Re: Thanks Bubba Joe!
by Joe Gervais <vole@primenet.com>
- 68) [30964] W2NSD and C0\$
by rerobins@unccvm.uncc.edu (Rick Robinson)
- 69) [30965] Re: LI/NJ-QRP Doghouse Sprint
by Joe Gervais <vole@primenet.com>
- 70) [30963] re QRN Squasher III error
by MNHopkins@aol.com
- 71) [30963] QRP+ Power Adjustment Shaft
by Barry Keating <Barry.P.Keating.1@nd.edu>
- 72) [30964] NEW QTH;READY TO RADIATE
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 73) [30965] Re: W2NSD and C0\$
by Ed Tanton <n4xy@bellsouth.net>
- 74) [30966] Re: Reverse TVI (IVT?)
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 75) [30967] Re: LI/NJ-QRP Doghouse Sprint
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 76) [30968] HW-8 output
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 77) [30969] Re: Tektronix 551 O'scope
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 78) [30970] HW-9 Accessory band kit for sale
by AL MUISE MR01-3/C3 297-8267 K1NZQ <amuise@asic.ENET.dec.com>
- 79) [30971] Cal Board 75M sidebander board
by David Smith <qrp-dave@ocsnet.net>
- 80) [30972] Giving Benson his due...
by MNHopkins@aol.com
- 81) [30972] Re: Portable Ant??
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 82) [30973] 2222: hfe measurements
by torell@sicom.com (Kent Torell)
- 83) [30974] W2UX Fox night
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 84) [30975] W2UX
by "Rattray, Bruce" <Rattray@siast.sk.ca>

Date: Mon, 17 Nov 1997 17:21:05 -0700
From: "Steve Hurst" <shurst@magiclink.com>
To: <georgez@quickturn.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30920] Re: The price of gear in Japan
Message-ID: <199711180019.TAA182772@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: George Zafiropoulos <georgez@quickturn.com>
>
> Hi All...
>
> I read with interest the postings about the price of a
.....snip.....
>
> This week I was in Tokyo on business
> When you convert 6,400 yen to \$US at this weeks exchange rate of 125 yen
/
> \$US you get \$51.20 plus 5% sales tax. Lots cheaper than in the US. I
also
> picked up some Comet mobile radio "triplexers", same story. Market price
> 8,500 yen, \$55 at the end of the day. HRO price about \$85.

Yeah, but what's the airfare to JA land ????? :-)

Talk about driving across town to save a buck !!! Jeeesssssss !!! :-)

73

Steve Hurst

KA7NOC

<http://www.magiclink.com/web/shurst> (updated just today !!!)

di dit

Date: Mon, 17 Nov 1997 17:26:13 -0700
From: "Steve Hurst" <shurst@magiclink.com>
To: <qrp-1@lehigh.edu>
Subject: [30920] RE: The price of gear in Japan
Message-ID: <199711180024.TAA124068@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> -----
> > From: George Zafiropoulos <georgez@quickturn.com>

> >
> > Hi All...
> >
> > I read with interest the postings about the price of a
>snip.....
> >
> > This week I was in Tokyo on business
> > When you convert 6,400 yen to \$US at this weeks exchange rate of 125
yen
> /
> > \$US you get \$51.20 plus 5% sales tax. Lots cheaper than in the US. I
> also
> > picked up some Comet mobile radio "triplexers", same story. Market
price
> > 8,500 yen, \$55 at the end of the day. HRO price about \$85.

Yeah, but what's the airfare to JA land ????? :-)

Talk about driving across town to save a buck !!! Jeeesssssss !!! :-)

73

Steve Hurst

KA7NOC

<http://www.magiclink.com/web/shurst> (updated just today !!!)

di dit

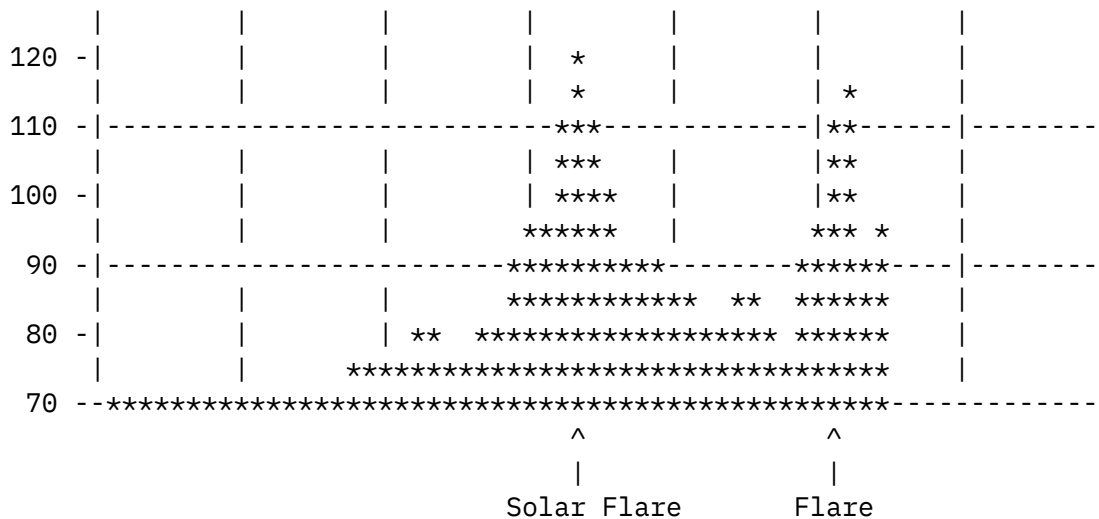
Date: Mon, 17 Nov 1997 16:53:43 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Subject: [30920] Solar summary 11-17
Message-ID: <199711172353.QAA02751@zia.aoc.NRAO.EDU>

SOLAR ACTIVITY QUICK-LOOK ***

Updated: 17 NOV 1997
10cm flux average: 96
3-5 day forecast: 100

SOLAR

FLUX	JUN 97	JUL 97	AUG 97	SEP 97	OCT 97	NOV 97	DEC 97
130	-	-----	-----	-----	-----	-----	-----



There has been moderate levels of solar disturbances past few days from newly appearing regions of the sun. Moderate level class C flares that produced radio bursting and may cause geomagnetic storming wednesday. Of importance is these new regions of the sun COULD cause some energetic flares over the next 10 days as they travel across the solar disk, which could cause severe storming. But at present, the solar index is again raising with no impending storming, so HF bands should be fairly quiet and higher frequency propagation good.

72, Paul NA5N
National Radio Astronomy Observatory
VLA/VLBA Radio Telescopes
Socorro, NM, USA, Earth

Date: Mon, 17 Nov 1997 20:16:18 -0500 (EST)
From: WB7WHI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [30920] qrp 6meters?
Message-ID: <971117201617_-1639561216@mrin46.mail.aol.com>

I ask of the knowlegable ones here on qrp-1 if the same principles applied to 40 and 30 meter cw Dc or superhet radios can be applied to a 6 meter radio. Is there anything special one has to be aware of because you are working with 50mhz instead of 7mhz?

Wayne WB7WHI
Spokane, Wa.

Date: Mon, 17 Nov 1997 18:35:18 -0700
From: "Timothy J. Pettibone" <tpettibo@nmsu.edu>
To: qrp-l@lehigh.edu
Subject: [30920] FOX Report
Message-ID: <3.0.3.32.19971117183518.00689c68@dante.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Worked him at 0126z on 7.0366 khz. Was weak, but is building in NM at 0135z. Good luck.

Tim K50I

p.s. At least I worked a FOX that Doc didn't!

Date: Mon, 17 Nov 1997 18:29:33 -0700
From: gsurrency@juno.com (Gary Surrency)
To: qrp-l@Lehigh.EDU
Subject: [30921] FOX
Message-ID: <19971117.182934.10222.0.gsurrency@juno.com>

Gary is coming into AZ at 0120 Z 559 now! Just worked him, and he is calling CQ FOX from time to time with no takers. Conditions are up and down big time, but he has a good signal when he is "up"!

Freq. is 7036.2 on my TAC-1. Used it with the sharp audio filter on the TAC-1 and the el cheapo R/S DSP to pull him out of the crud. It actually did better than my Kenwood TS-570D! Who says QRP rigs don't kick butt?!

72,

AB7MY
Gary Surrency
Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Mon, 17 Nov 1997 17:55:21 -0800 (PST)
From: doug haufl <slmachco@fix.net>

To: qrp-1@Lehigh.EDU
Subject: [30922] VMC: She's down, she's up, she's down, she's up, she's down,
SHE'S UP!!!!!!
Message-ID: <199711180155.RAA04143@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The story is too gruesome, ugly, rude, nasty, frustrating, vicious, ad
infinitum to relate here, but FINALLY, Tree/Kira VMC lives! Making chips as
we speak! I can sleep tonite! Back in business! I can have a life again!
Maybe even turn on a radio! Yessssssssssss! I'm even getting hungry!
Yahoo! 38S boxes go on this week!!
-Doug KE6RIE

Date: Tue, 18 Nov 1997 01:57:40 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
To: WB7WHI@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [30923] Re: qrp 6meters?
Message-ID: <199711180201.VAA19616@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Same principles apply - the R1, R2, and miniR2 DC rx's by KK7B work
equally well from 1 to 500 Mhz

> I ask of the knowledgeable ones here on qrp-1 if the same principles applied to
> 40 and 30 meter cw Dc or superhet radios can be applied to a 6 meter radio.
> Is there anything special one has to be aware of because you are working with
> 50mhz instead of 7mhz?

>
> Wayne WB7WHI
> Spokane, Wa.

>
>
>
>
>

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Mon, 17 Nov 1997 21:16:15 -0500 (EST)
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [30924] N/T+ Foxhunt of 17 NOV 0200-0400 UTC
Message-ID: <971117210955_1872330888@mrin86.mail.aol.com>

Well, it was the best of nites...it was worst of nites...
We were going great guns until Big Ben struck 0300. Thought we were going to break 30. Not in the cards. I needed the POWER to determine the MILES/WATT but didn't want to slow things down. For some reason I don't think my e-mail got out to most of you. Anyways please note the power for my calculations.

My last station, Ken I swear was using telepathy to get thru because if there ever was a 0.5/0.5/9 this was the night...both ways! Nice going Ken. Take a look at KU7Y's entry folks. This should make you a believer in antennas and feed lines.

PLEASE NOTE ANY CORRECTIONS.

PRELIMINARY N/T+ Foxhunt of 17 NOV 0200-0400 UTC

TIME	STATION	NAME	STATE	RST(S)/(MY)	NR/PWR
0202	WB9HF?	MARK	IL	559/559	#115 (PWR??)
0209	KA7N0C	STEVE	ID	559/599	#909 (PWR??)
0211	K50N	GARY	NM	599/559	#770 (PWR??)
0213	N9AW	JERRY	WI	599/599	5W
0218	W0DT	DON	IA	559/(?)	(PWR??)
0220	K5ID	KEN	AR	559/559	#526 (PWR??)
0223	W7GVN	ROD	AZ	559/579	2W
0226	KJ3V	LYNN	AL	559/559	4W
0229	N9KW	JOHN	IL	559/579	#1257 (PWR??)
0234	KU7Y	RON	NV	559/589	35mW
0236	K5OI	TIM	NM	339/559	#73 (PWR??)
0240	N0HJ	JOHN	CO	339/559	5W
0242	N4ROA	DAN	VA	339/339	5W
0245	N3VXI	JIM	PA	559/459	
	3W				
0255	K5F0	CHUCK	TX	339/559	2W
0259	KB0ZDF	DEAN	IA	229/449	(PWR??)
0304	W7JDZ	MAC	ID	599/449	5W
0312	N4S0	KEN	AL	339/449	5W

0350 KI0II	RON	CO	559/539	#928 (PWR??)
0355 VE3ELA	KEN	ONT	229/229	3W?
0340 VE3ELA	KEN	ONT	339/339	2W

Station: KB7MBI
FREQ:..... 7.145
RIG..... EMTECH NW8020 (40M) and filter
PWR..... 5W
ANT:..... DIPOLE (N-S)up 50 ft

>From your humble fox, many thanks for one of the best nights!!!!
Alan KB7MBI

Date: Mon, 17 Nov 1997 21:13:55 -0500
From: "Greg K. Pollard" <cwgreg@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [30925] Re: DEEP CYCLE MARINE BAT?
Message-ID: <3.0.1.32.19971117211355.00698200@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:03 PM 11/17/97 +0000, you wrote:
>Anyone have recommendations on a deep cycle marine battery?
>Sam's Club seemed to have a good selection/price on some.

I have been looking at that 115 ah deep cycle at Sams also, its \$49.95 here in Dayton, OH. I was told by a clerk a couple weeks ago that those go on sale in the spring, abt \$5 or \$10 less. Just in time for F/D. The QRPers cleared the shelves of Altoids now it will be deep cycle batteries at Sam's

72
Greg W8XP

Date: Mon, 17 Nov 1997 21:06:44 -0500
From: "Ken Hanks" <kennfd@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30926] Re: FOX Report
Message-ID: <01bcf3c6\$9e600ba0\$890f48a6@kh>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can't hear a thing here in CT, not even a pileup. Lots of QRN and a digital signal.

1 more hour to go, hope condx improve!

Ken K1XS@ibm.net

Date: Mon, 17 Nov 1997 20:20:37 -0500 (EST)
From: n4js@pobox.com
To: qrp-l@Lehigh.EDU
Subject: [30927] Fox is hiding well.
Message-ID: <XFMail.971117202037.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

Now 0117 and not a sign of the fox or the hounds.....

Sent at 20:20:37 on 17-Nov-97
John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@qsl.net NJ Grid:FM29LN
http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243

Date: Mon, 17 Nov 1997 20:51:59 -0500 (EST)
From: n4js@pobox.com
To: qrp-l@lehigh.edu
Subject: [30928] STILL no Fox!
Message-ID: <XFMail.971117205159.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

Well, switched rigs, antennas, checked UTC clock was right on with WWV. Now

0150Z and STILL no sign of a fox or a baying pack of hounds. Not even any badgers...heard one possum.

Guess I'll go watch "Buffy the Vampire Slayer." ;-)

Sent at 20:51:59 on 17-Nov-97

```

      John L. Sielke n4js@amsat.org n4js@pobox.com
| \ | | | | | _ | | / _ | n4js@qsl.net NJ Grid:FM29LN
| . ' | | _ _ | | | | \ _ _ \ http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
| _ | \ | | _ | \ _ _ / | _ _ / QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
```

Date: Mon, 17 Nov 1997 20:49:21 (-050
From: "Dean T. Miller" <dtmiller@dsmnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, haf47@juno.com
Subject: [30929] Re: 73 Magazine
Message-ID: <199711180249.UAA04141@dsm7.dsmnet.com>

Hi Howard,

I usually don't write 'opinion type' messages, but:

> Date: Mon, 17 Nov 1997 10:15:02 EST
> From: haf47@juno.com (Howard Friedman)

> Like Wayne or not, I feel it's kinda nice to have him around making his
> repetitive noises. It certainly beats an apathetic attitude. I admit I
> don't agree with his opinions 80% of the time, but the remaining 20% is
> truly valid. He always make me think, and it strikes me that maybe this
> is one of reasons many people don't like him.

I fully agree that having Wayne around isn't only nice, but sorely needed. Of course, I agree with him 80% and disagree only about 20% (I do think he's wrong about landing on the moon <grin>).

As an example, most people seem to blast the Bioelectrifier.

There is a scientific basis for the device (though maybe not exactly as shown in 73). Dr. Hulda Clark, a biophysicist, has investigated electrical effects on pathogens for over 20 years. She (along with her EE son) developed a simple circuit to 'Zap' pathogens. It works -- at least on me.

This device (the 'Zapper') has been the only thing to cure a chronic, physically disabling sinus problem I had for over 7 years. No other treatment (M.D./hospital supplied or not) worked, though some reduced the severity.

I guess what I'm trying to say is that the Bioelectrifier, though not based on the above research, could have similar effects (I haven't tried the Bioelectrifier circuit -- the Zapper is much simpler, and could be built with fewer than 22, 2222's <g>).

> So, it's just making it easier for me to unsubscribe to qrp-l. Coupled
> with the have-have not secret project teasing of a month ago, and
> constant complaining of side threads, I'm about ready to make this group
> history. Please no accusations of "sour grapes". I'm going to be building
> and operating, and will be having too much fun to respond.

Well, leave if you wish. But, IMO, this group needs people who can thoughtfully dissent at times.

-- Dean -- from Des Moines (KB0ZDF)

Date: Tue, 18 Nov 1997 11:56:49 +0900
From: IDEHARA Norimichi <idehara@oak.timis.ac.jp>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30930] Re: The price of gear in Japan
Message-ID: <9711180248.AA25788@jasmine.oak.timis.ac.jp>
Mime-Version: 1.0

Hi, guys.

I am in Japan running Mizuho 'MX' line. They are the most famous HF QRP gear in Japan, so I am a bit surprised they are not sold in U.S.

FYI the features are:

HF/VHF Monoband HT: 40m, 15m, 6m

Sometimes they make other bands like 80m, 10m or so.

2W Output: 10W amp are also provided

VXO

25kHz(40m), 50kHz(15m) per one Cristal. You can put an additional one and switch them. The default one is in SSB band.

SSB/CW

The mode switch is behind the rig, which is the only thing that annoys me... No side tone but the optional unit is provided.

BNC Connector
Optional Hand Mic/Speaker

I have once got a district No.1 prize in a major domestic contest
"Field Day" on 40m with barefoot MX while others are running some
10W-50W. :)

Oh, 40m in JA is 7.00 - 7.10 (CW -7.03) Be aware! ;)

Nori JR4MYL/1

Date: Tue, 18 Nov 1997 02:38:14 GMT
From: k8cv@juno.com
To: qrp-1@lehigh.edu
Subject: [30930] fox report
Message-ID: <19971118.023824.9254.6.k8cv@juno.com>

fox is at 7.036.3 and very weak.....he is w2ux

walt k8cv

Date: Mon, 17 Nov 1997 21:03:06 -0600
From: Lynn Simons <lsimons1@ix.netcom.com>
To: ccart@dns.vidtel.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30930] Re: FOX: STATE STANDINGS 1997/98 FOXHUNT
Message-ID: <3471056A.5A27EE39@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chris Cartwright wrote:

```
>      -
>
> STATES STILL FOXLESS:  DC,DE,HI,KS,LA,ME,MS,NE,NH,RI,SD,VT,WV,WY
>
> -- Chris Cartwright,   Technical Engineer   |
> ccart@vidtel.com      --
> -- N3XRV      ARRL-VE   QRP WAS 27/10(w/c)   |
> ccart@erols.com       --
> -- QRP-L #655 NORCAL #1891 QRP-ARCI #????? |
```

> <http://dns.vidtel.com/~ccart> --

Hi All,

Just wanted to let you know I will be heading to West Virginia on Friday November 28 and will be there just over 2 weeks. I am planning to take my QRP + rig and put that state on the map QRP wise! I will be trying to work as many of the Foxes as possible in addition to being on as much of the other times as I can. I guess I will be mostly on 40 and 15 Meters since I can run up my 40 M dipole and get on both these bands with the one antenna. I am going to string a random wire too to try to get on 80, 30, and 20 if possible.

I am heading home to spend the 2 weeks with my parents. Even though I am only 40 yrs old it still is nice to get home and have Mom take care of me for a while. Hi.

Hope to work as many of you as I can. I will not be in much position to get e-mail or to be able to check in here on the QRP-L as my parents have no internet access there in their little WV town. So will have to catch up on things when I get back.

If there is anyone out there who needs WV for QRP WAS and you would like to try to set up a schedule, e-mail me before the 28th and I'll see what we can do about setting up a schedule.

73/72,

Lynn, KJ3V

Date: Mon, 17 Nov 1997 19:14:54 -0800
From: wpc@west.net (John Roblin)
To: qrp-l@Lehigh.EDU
Subject: [30931] Tnx/ Don Lancaster site info
Message-ID: <v01530505b096b5ab3782@[205.254.241.39]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Tnx to everyone who responed to my question!!!

However, I still cannot get into the Guru's Lair site! Neither NN or IE works. It is becoming a real mystery to me, especially after hearing from all those who are having no problem with it. I hope I can solve it because it is one of my favorite sites. Hope some of you enjoy too. Now back to

QRP stuff!

73, John WA6KY0
Ventura, CA

Date: Tue, 18 Nov 1997 03:36:47 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: boatanchors@theporch.com, glowbugs@www.atl.org, qrp-1@Lehigh.EDU
Subject: [30930] FCC Part 15
Message-ID: <19971118033631.AAE11698@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello All,

For those who might be interested in getting a copy of FCC
Part 15 rules, I offer the following:

Most of the FCC rules are
not available online;
however, Part 15 is
available at
<http://www.fcc.gov/oet>
click on "Information
available online" then FCC
rules and regulations.
You may also try
accessing the rules at the
Government Printing
Office website at
<http://www.access.gpo.gov/nara>

This came from the FCC Info service. Part 15 covers such things as
interference from and to devices like VCR's, TV's, broadcast radios etc.

73,
E. V. Sandy Blaize, W5TVW
"Boat Anchors collected, restored, repaired, traded and used!"
417 Ridgewood Drive
Metairie, LA., 70001

860 Hartley 'ECO' under construction**
*** Looking for a TRC-10 transceiver *****

*** looking for an RAL receiver *****

Date: Mon, 17 Nov 1997 22:40:31 -0500
From: Dan Wolfe <n4roa@mounet.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [30930] Fox?
Message-ID: <01BCF3A9.F978D700@pm121.mounet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Big Howdy,

Well, it happened again for the third time so far this Fox season. I could not even hear the Fox(third time this season). It's amazing how that can happen when a Fox is so close. I have been unable to hear even a whisper of a signal from N8VAR, NR3Z, and now W2UX. The hounds were there with good loud baying but no Fox. Also been unable to hear the N/T Fox except for KB7MBI, and I have worked him three times. Oh well, it's fun anyway..hee hee

Here are some calls I wrote down for about a 1 hr. and 20 min. span.

AB7MY, K10J, NQ7X, N7VE, N9KW, K2VCO, AB7TT, AC6DA?,
AB7TK, K5OI, KF6CTA, KI7MN, W7QQQ, N7XJW, N6WM, W5SB,
KQ5U, W8RU, K5NZ, K6VNX, N6XU, N0UR,WB0T, KQ0I, WA8GHZ,
KP4GL, KU7Y, KB9IUA, WA9PWP, N9DD, K8CV, AA2PF, K5ZTY,
and K2VN4.....When K5NZ came on, he was so loud I came up out
of my seat...Scared me..hee hee

Did not hear KF4HAW either as he was from SC also..

72 de Dan

Date: Mon, 17 Nov 1997 22:55:00 EST
From: ko7i@juno.com (Donald H Jones)
To: qrp-1@Lehigh.EDU
Cc: johnmc@arl.com
Subject: [30930] FS: TS930S/AT
Message-ID: <19971117.204720.7647.0.ko7i@juno.com>

Hi,

I'm posting this radio for a friend (and fellow QRP'er) who is not on the QRP-L list.

He has a Very Clean TS930S/AT asking \$750 (u-ship). He does have both 500hz filters, the MC-60, and the matching speaker available seperately.

Contact:

John McCann, N7MZ,

360-629-2921

e-Mail johnmc@arl.com

Don Jones K07i

ko7i@juno.com

Stanwood, WA

360-652-0248

QRP-L #963 - NWQRP #435 - NORCAL #2386 - Geratol #1571

Date: Mon, 17 Nov 1997 22:05:07 -0800

From: k1oj@swbell.net

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [30931] FOX

Message-ID: <34713013.1408@swbell.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

0100z and there is Gary. S9+ here in Houston. Worked him at 0104z. At 0145z he is only S2. The band stretched out quickly. He should be good to go on the left coast before the end. Good luck.

CU---OJ---K10J..

Date: Mon, 17 Nov 1997 23:10:02

From: "Gary M. - W2UX" <mail4gary@worldnet.att.net>

To: qrp-l@Lehigh.EDU

Subject: [30932] W2UX Fox Report

Message-ID: <3.0.3.16.19971117231002.36e7db74@postoffice.worldnet.att.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hello Gang.

Well my first time as the Fox is over. Condx not as good as I had hoped and digital QRM was off and on. Band was real long and you guys out west did good.

It was a learning experience. I know I sent my callsign too much....but it just rolled off and I could not help myself (HI HI). Thanks for all the patience, there were some tough ones and and VE2ELA???, could not pull you out.

Sorry everyone could not get in the log....but here it is.

#	CALL	RCVD	SENT	STATE	NAME
1	W5FN	559	559	TX	TIM 586
2	W5TFB	589	559	TX	JACK 282
3	K10J	559	559	TX	OJ 732
4	N5JI	569	559	TX	DICK 1054
5	N5LU	559	559	OK	BILL 5W
6	N2G0	559	559	NY	JIM 381
7	AB5UA	539	449	OK	CLIF 478
08	W6ZH	569	559	CA	PETE 257
09	KK6MC/5	449	449	NM	JIM 411
10	K50N	559	559	NM	GARY 770
11	AA5TA	559	449	TX	LARRY 1245
12	K5F0	559	559	TX	CHUCK ONE
13	W0CH	559	449	MO	DAVE 618
14	AB7MY	339	559	AZ	GARY 571
15	N7VE	559	559	AZ	DAN 5W
16	K50I	559	449	NM	TIM 73
17	AF9T	559	559	MN	JOHN 1022
18	NQ7X	559	449	AZ	FLOYD 343
19	AB7TT	539	559	AZ	JOE 5W
20	K1MG	559	449	CA	MIKE 614
21	K2VCO	449	449	CA	VIC 725
22	AC6LA	559	449	CA	DAN 515
23	AB7TK	339	449	ID	RANDY 102 TOUGH ONE
24	KI7MN	449	559	AZ	BOB 271
25	W7QQQ	449	559	AZ	HACJ 1210
26	N7XJM	599	449	AZ	BERTIE 1259
27	W5SB	559	579	TX	BILL 1279
28	KQ5U	559	599	TX	TERRY 5W GREAT SIG
29	W7GVN	559	449	AZ	ROD 849
30	K5NZ	599	599	TX	MIKE 5W GREAT SIG
31	W8RU	589	559	MI	RON 338
32	K6VNX	449	559	CA	ARLEN 5W
33	N6XU	449	559	CA	STAN 66
34	WB0T	449	339	IA	JERRY 1268

35	KQ0I	449	339	IA	MARK	625	
36	KU7Y	589	579	NV	RON	17	
37	WA8GHZ	559	569	TX	JACK	619	
38	K5JHP	449	579	TX	BILL	825	
39	KB9IUA	449	449	IL	KEVIN	384	TOUGH ONE
40	K8CV	339	339	MI	WALT	935	
41	K5ZTY	339	449	TX	BILL	473	
42	KA5T	559	559	TX	LARRY	89	
43	N9DD	559	449	IN	TOM	32	
44	K2VNM	339	449	NY	BOB	735	
45	N7GS	449	449	MT	MAL	81	
46	WD4MSM	559	559	IN	BARRY	642	
47	K8DD	559	449	MI	HANK	246	
48	N9KW	559	559	IL	JOHN	1257	

That is it as I have it. Email questions or corrections to me...not the list.

I hope to do better nex time. 72 for now.

```
=====
72/73 de W2UX           QRP-ARCI
Gary McCaughey         QRP-L
Lexington, SC          CQC
CW is the REAL THING!
Use it....or lose it.
=====
```

Date: 17 Nov 1997 21:32:00 -0700
 From: K0su@kktv.com
 To: qrp-l@Lehigh.EDU
 Subject: [30933] RE: Att files
 Message-ID: <199711180427.XAA230682@nss4.cc.Lehigh.EDU>

I discovered the Internet Explorer 4.0 I loaded at work automatically generated an HTML file along with the text message. I was able to disable that "feature", but not before I unknowingly sent out a few messages with attached files.

I generally don't even look at an attached file unless I know the sender, or at least it is mentioned in the body of the message. Just cautious I guess.

73, Rick

K0SU
Colorado Springs, CO
CQC #100 -- QRP-L #539

Date: Mon, 17 Nov 1997 23:28:31
From: "Gary M. - W2UX" <mail4gary@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [30934] W2UX Fox Report....P.S.
Message-ID: <3.0.3.16.19971117232831.1ed7455a@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

And P.S. for those who want to know.....

Rig is a TenTec Argo 556 set to 4 watts. Used only the rig's variable
bandwidth filter.
(With all the crud I wish I had some better filtering).

Antenna is a G5RV in a VEE configuration with apex at 35 feet and using an
LDG QRP tuner to match it up. From the shack to the feed point of the
antenna is 75 feet of underground RG238 in conduit. Elements of the
antenna run in a SE to NW direction.

Located in the middle of SC near Columbia, the state Capital.

Gary
W2UX

=====
72/73 de W2UX QRP-ARCI
Gary McCaughey QRP-L
Lexington, SC CQC
CW is the REAL THING!
Use it....or lose it.
=====

Date: Mon, 17 Nov 1997 22:29:51 -0600
From: "Johnson" <johns516@maroon.tc.umn.edu>
To: <qrp-l@Lehigh.EDU>
Subject: [30935] N/T Fox results - KB0VRV
Message-ID: <34711a7058d3488@mhub1.tc.umn.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Here are the results of my fox hunt on Sunday night
(Nov 17 0100-0300 UTC)
Tim, KB0VRV, MN

#	Call	Name	State	Sent/Received
---	-----	-----	-----	-----
1.	K6RPN	Doug	CA	579/579
2.	K5ID	Ken	AR	599/589
3.	KF6CTA	Dick	CA	559/559
4.	W7GVN	Rod	AZ	579/579
5.	WB5FKC	Chris	TX	579/559
6.	NQ7X	Floyd	AZ	569/569
7.	W6SIY	Keith	CA	449/449
8.	KI7MN	Bob	AZ	449/449
9.	KA7NOC	Steve	ID	569/579
10.	K50N	Gary	NM	579/559
11.	KS4L	Randy	AL	569/569
12.	N1QQV	Ken	CT	569/559
13.	KK6MC	Jim	NM	559/579
14.	KJ3V	Lynn	AL	449/559
15.	KC5FMZ	Bob	TX	569/569
16.	WA6NAE	Dwight	CA	449/449
17.	KA5T	Larry	TX	579/559
18.	N6WG	Bob	CA	559/539
19.	AA6AD	Bruno	CA	579/579

Thanks to all for waiting for me. I will do it again on Nov 28
at 0100-0300 UTC.

72,
Tim, KB0VRV

P.S. A note from dad:
I also thank you for your patience with Tim on Sunday. He really worked
hard. QSB was a big problem all night. Apparently some of you had
broadcast interference also. Sorry about that. We really did not hear it
on 7122 tonight.

Tim has not had a lot of experience in pulling weak signals out of the
soup! He was really "brain dead" and exhausted after it was over, but it
was a good experience. He'll be back!

Thanks also for the many nice notes! Much appreciated.

BTW, I think Tim accidentally coined a new term at the end of his time. He

was so tired he couldn't send EITHER 72 or 73, but what came out was --...
...--- That can be either 72 or 73, depending on which end of the
final character you want to chop off!! How about that one? :-)

72,
Craig, AA0ZZ

Date: Mon, 17 Nov 1997 23:01:35 -0600
From: TonyDrumm@ibm.net (Tony Drumm)
To: qrp-1@Lehigh.EDU
Subject: [30934] Re: Phone SS: Where's the QRP Ops?????????????
Message-ID: <199711180500.FAA06102@out4.ibm.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I had virtually no time, although I was thinking it would be nice to test
the new antenna (off-center-fed dipole) and see if I could get a non-local
contact on my Cascade on 20. I've had a few 80m QSOs that were reasonable,
but no luck on 20.

Anyway, we were going to leave for the weekend at about 2130Z on Saturday.
I fired up the Cascade shortly after 3:00PM CST. Bad timing - everyone and
their brother is on and all the big guns are talking to each other until
they get up to maybe 200-300 Qs. It would be easier, I figured, on Sunday
night when everyone is looking for one more QSO.

But what the heck. Tried calling two or three ops, but I was not getting
through the ruckus. Found an op who was actually calling CQ SS. Tried him
repeatedly, but decided he had to call CQ over and over because he couldn't
hear.

Then I happened on K4BAI in GA. Great op and he heard me on my first call.
I gave him my exchange, repeating a couple key items and he answered with
"great QRP signal". Made my day. Time to shut down the rig and go. So, I
have one SS QSO, one section, and I'm happy as a clam.

72.
Tony Drumm
ARS AA0SM - Rochester, MN

Date: Tue, 18 Nov 1997 00:23:42 -0500
From: Paul Helbert <phelbert@rica.net>
To: cwgreg@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30935] Re: DEEP CYCLE MARINE BAT?
Message-ID: <3471265D.CF5AF01B@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I find much better deals at an independent battery shop. At Sams Club, Price Club, Wall Mart, K-Mart, etc., the problem is that they may have nobody with knowledge of battery maintenance. I have frequently found that they do not do anything to maintain charge, and often stock shelves with no attempt at rotation of stock. I usually find the newest batteries in the front with older ones pushed to the rear. Batteries with the little color eye charge indicator (actually a simple hydrometer) show that the older batteries are discharged. The battery shop, on the other hand recharges the unsold batteries monthly and has staff with some idea of the perishable nature of the product.

Last April I saw a stack of 115 Ampure-hour deep cycle marine batteries for \$25.00 each. They had the manufacturer's branded code showing them to be about 10 months old. The fellow in the store confirmed that this was the reason for having them marked down. I asked about a discount for buying the whole stack. Got 'em for \$20.00 each and tax. Hauled them to the monthly radio club meeting (that very night) and sold them all before the meeting started.

I have no pecuniary interest in any private battery shop, but I sure hope they survive. Do give them a try when looking for radio station power supply.

Date: Mon, 17 Nov 1997 23:45:34 -0600 (CST)
From: george fremin iii <geoiiii@bga.com>
To: TonyDrumm@ibm.net
Cc: qrp-1@Lehigh.EDU
Subject: [30936] Re: Phone SS: Where's the QRP Ops?????????????
Message-ID: <199711180545.XAA03720@zoom.bga.com>
Content-Type: text

>Anyway, we were going to leave for the weekend at about 2130Z on Saturday.

>I fired up the Cascade shortly after 3:00PM CST. Bad timing - everyone and
>their brother is on and all the big guns are talking to each other until
>they get up to maybe 200-300 Qs. It would be easier, I figured, on Sunday
>night when everyone is looking for one more QSO.

I hope I was not one of the ones that could not hear you.

I worked 69 Qrp stations during the SS.

Anyway your post got me to wondering if I work more at any given time.

Breakdown by hour.

21z	9
22	3
23	5
00	6
01	3
02	4
03	1
06	1
07	3
08	1
13	2
14	1
15	1
16	5
17	1
18	7
19	2
20	1
21	4
22	4
23	2
00	2
01	2

--

George Fremin III

Austin, Texas C.K.U.

K5TR

512/416-7010

geoiiii@bga.com

<http://www.kkn.net/~k5tr>

"Eight is enough."

Date: Mon, 17 Nov 1997 23:50:52 -0600 (CST)

From: "John C. Anderson" <af9t@cp.duluth.mn.us>
To: qrp-1@Lehigh.EDU
Subject: [30937] Fox: Never skunked award
Message-ID: <199711180550.XAA17661@superior.computerpro.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Seeing that MN is still tied with Texas for the "never skunked" award, and Doc is out of the state, I snuck over the WI-MN border again and went fox-hunting from the station of my friends N0BKL and KR0B in Duluth. Managed to bag W2UX in SC tonight, but N8VAR in Ohio might be a little close for a beam at 120 ft. Mebbe if I swing it SW and bounce signal off KU7Y's antenna??

72, John AF9T

Date: Mon, 17 Nov 1997 20:08:53 -1000
From: Peter Demmer <ampruss@hits.net>
To: ampruss@hits.net
Cc: "listproc@Lehigh.EDU" <listproc@Lehigh.EDU>, "listproc@theporch.com" <"glowbugs"@devp214.the.porch.com>, qrp-1@Lehigh.EDU
Subject: [30938] Coil turn contactor Retro fit kit Re: Multi-band Verticals
Message-ID: <347130F5.164F@hits.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Peter Demmer wrote:

>
> Peter L. Demmer wrote:
> >
> > George and qrp-L;
> > I have put together a neat retro fit kit to vastly improve the contact
> > point on Vern's (Wright coil) design. Everything else really works
> > good This offer is to over come the fragility, difficult to adjust
> > and hold in adjustment and the multi-turn shorting of the original
> > brass finger stock coil contact. Our design is precision die turned
> > and fabricated of #13 AWG beryllium bronze. The contact point is also
> > tinned. In Hawaii, this land of eternal summer comes with a price of
> > corrosive high humidity (salt air). I will be offering a of; send
> > me only your existing square brass shaft, contact ferrule and the two
> > brass mounting screws (Don't send the coil) and I will return a
> > re-machined and retro-fit-up of both pieces. Included in our
> > retrofit kit will be two 316 stainless steel flat head machine screws,

> > two TEFLON spacers and a real "brite-tinned" brass thumb locking
> > screw. The cost will be \$18.00 US, return shipping included. Cash,
> > check or money order will get the job done. I will be cranking up
> > for business and limited volume production in late November 97
> Ok gang, Finally got my computer up and on line. The show and tell at
> PACIFICON went well. Im now tooled up so send me IAW the original post
> ONLY your 1/4"x1/4" contact slider shaft, the 1/2 IPS copper slider
> sleeve and the two brass screws. Suggest you use a \$3.00 US postal
> priority mailer. I will return the retrofitted parts using the same
> mode. Thanks to all the great folks I met in Concord. The QRP gang from
> NORCAL, the speakers and builders were a fine bunch to hang out with.
> Pat and I send our sincerest Aloha nui-ka ko and have a safe, reflective
> and joyous Thanksgiving. CU all in 98., God willing and the roof don't
> leak. (old submarine saying) Peter

As of 11/11/97, Up and cranking out these retro-fit kits. first 28
shipped priority mail today. Yes, we make them for both the 40 and 80
meter coils.

> Peter L. Demmer KH6CTQ
> dba AMPRUSS CO
> 98-1559 Akaaka St.
> Aiea, HI 96701-3051

Date: Mon, 17 Nov 1997 22:42:26 -0800
From: David Adams <adamsclan@netgate.net>
To: QRP <qrp-1@Lehigh.EDU>
Subject: [30939] What a great day to get the mail
Message-ID: <347138D2.68C05337@netgate.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I open the mailbox today and what do I find? A QSL card from Maine (my
last card needed for WAS) and a certificate from the prairie dog radio
club special event station. Both contacts were qrp ssb...(they even
noted that when printing the certificate)...hmm...I'm sure I can find a
blank spot on the wall...somewhere...

73 de dave, n9uxu

--

David J Adams, N9UXU adamsclan@netgate.net
Amateur Radio, Flow Cytometry, Digital Photography and Parrot enthusiast

<http://ng.netgate.net/~adamsclan>

Date: Mon, 17 Nov 1997 22:48:49 -0800
From: David Adams <adamsclan@netgate.net>
To: QRP <qrp-1@Lehigh.EDU>
Subject: [30940] What a great day to get the mail
Message-ID: <34713A51.D0407056@netgate.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

(If I can keep the phoneline from disconnecting this time...)

I open the mailbox and what do I find? No...not the norcal key kit (bought mine at the 'con...base is painted and the bits are polished...tomorrow is assembly day)....no...not the latest and the greatest qrp kit (though my kit closet is empty except for a 38 special...time to hit up santa claus)....PAPER! Not just any paper....radio paper! I got a qsl card from Maine (the last card needed for WAS) and a cert/card from the prairie dog amateur radio club special event. Both contacts were qrp ssb and both made note of the fact! Hmm...now to find some spare room on the wall...

73 de dave, N9UXU

--

David J Adams, N9UXU adamsclan@netgate.net
Amateur Radio, Flow Cytometry, Digital Photography and Parrot enthusiast

<http://ng.netgate.net/~adamsclan>

Date: Tue, 18 Nov 1997 02:20:20 -0500 (EST)
From: WB7WHI@aol.com
To: kd1jv@moose.ncia.net, qrp-1@Lehigh.EDU
Subject: [30940] Re: Att files
Message-ID: <971118022014_-524556010@mrin41.mail.aol.com>

In a message dated 97-11-17 16:13:52 EST, you write:

<< Anyway, no big deal, but I'm starting to believe that when I get a file like that, it is the reason my computer resets and reboots when I disconnect from my server. I've been going crazy trying to figure it out and think I've finally found the cause and effect. I don't know if there is anything I can do about it, except live with it.
>>

your experience is not alone although AOL has done something so that I don't get locked up when an attached file comes through. The list went through this a few months ago and tried to educate people against sending attached files but it was also brought out that sometimes it happens without the sender knowing about it.

At the time I usually went through the mail and deleted anything with an attached file before trying to read it and my computer was much happier.

Wayne WB7WHI
Spokane, Wa.

Date: Tue, 18 Nov 1997 00:23:35 -0800
From: Jerry Parker <jparker@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [30941] Dan's Small Parts and Kits End of the Year Sale
Message-ID: <2.2.32.19971118082335.00ccddd0@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dan has just added some new items to his

"Huge End of the Year Sale"

Check it out:

<http://www.fix.net/dans.html>

Enjoy,,,72,,,Jerry...WA6OWR...K

Date: Tue, 18 Nov 1997 05:43:15 -0800
From: Terres Family <terresfm@ncia.net>
To: qrp-l list <qrp-l@Lehigh.EDU>
Subject: [30942] Re: DEEP CYCLE MARINE BAT?
Message-ID: <34719B73.702F@ncia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

a sort while back there was a thing on the tube here on sears and
reselling returned batteries as new. sears said they would clean up
their act. during the program they said how to read the date of
manufacture stamped into the case. any one know how date is coded?

72 jerry aa1of

Date: Tue, 18 Nov 1997 05:51:34 -0500 (EST)
From: ARDUJENSKI@aol.com
To: qrp-l@Lehigh.EDU
Subject: [30943] VT, RI, DELAWARE, ME??
Message-ID: <971118055134_717721447@mrin79>

Anyone interested in QSO from WA? Need above for WAS. This weekend
propagation promises to be good....
Any other station needing WA let me know..."have key, will pound"...happy to
oblige

available 24 hours...(40M NOVICE band only)...

tnx ...alan KB7MBI

Date: Tue, 18 Nov 1997 11:09:03 GMT
From: Rogerio Gonzaga <gonzaga@med.up.pt>
To: haf47@juno.com
Cc: qrp-l@Lehigh.EDU

Subject: [30944] haf47@juno.com
Message-ID: <199711181109.LAA22206@mail.med.up.pt>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi, Howard,

Abt ur msg, ending with a very sad (to me) ...

>So, it's just making it easier for me to unsubscribe to qrp-l.

...I think it would be a loss for me (and probably to many other subscribers) if you unsubscribed the list.
Your comments about publishing policies are extremely correct and accurate (I have published over one hundred papers along my academic career, all around the World, so I know exactly what you mean). As a Latin, I like hot discussions, although I do not like to think that I am offending anyone when I expose my points of view, and I humbly apologise if ever I have done it.

I did not enter before the 73 Magazine discussion, as I do not like Wayne's articles but I do like very much almost all the rest of the Magazine, except when someone is fighting the CW mode.

You said...

>Like Wayne or not, I feel it's kinda nice to have him around making his
>repetitive noises...

...I could do very well without his noises, but they do not bore me too much, as I seldom take much time to read them.

Your thinking that...

>I've gotten older I'm finding that
>the truth is most disputes lies usually in the middle, not at either
>extreme. I'm not hearing that in this dispute.

..is extremelly true, but I want to demonstrate by this msg that almost everyone can be in the middle of a dispute, even if in the warmth of a discussion it may not seem to be the case.

You probably do not need this list to learn anything else on radio & QRP. But I do, I am just a beginner, and I need people to teach me, so please do not go away.

By the way, list subscribers that want to throw me sticks and stones can do it directly to my email address.

Best 72/73 de Roger, CT1ETT

Prof. Rogerio A. F. Gonzaga, MD, PhD
Surgical Professor at the Faculdade de Medicina do Porto - Portugal
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK
Member of the Portuguese College of Surgeons

Radio Amateur CT1ETT		QTH Loc IN51re
G-QRP Club # 8673	ISWL # CT-20574	QRP-L # 516
NorCal QRP Club # 2130	ARS # 268	REP # 840
	FISTS # 2878	
Email: gonzaga@med.up.pt	OR	rafg@esoterica.pt

Date: Tue, 18 Nov 1997 11:14:46 GMT
From: Rogerio Gonzaga <gonzaga@med.up.pt>
To: qrp-l@Lehigh.EDU
Subject: [30945] HamCalc version 30 available
Message-ID: <199711181114.LAA22238@mail.med.up.pt>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi, folks,

A recent mesg of Jim Eshleman <lujce@hooch.CC.Lehigh.EDU> said:

>Gang,

> HamCalc version 30 (21 Sep 97) is available

...I have already it. Murph, VE3ERP, has sent it to me by the very modest sum of USD \$5, just to cover the expenses. It is GREAT!

Best 72/73 de Roger, CT1ETT

Prof. Rogerio A. F. Gonzaga, MD, PhD
Surgical Professor at the Faculdade de Medicina do Porto - Portugal
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK
Member of the Portuguese College of Surgeons

Radio Amateur CT1ETT		QTH Loc IN51re
G-QRP Club # 8673	ISWL # CT-20574	QRP-L # 516
NorCal QRP Club # 2130	ARS # 268	REP # 840
	FISTS # 2878	
Email: gonzaga@med.up.pt	OR	rafg@esoterica.pt

Date: Tue, 18 Nov 1997 13:05:23 +0100
From: Tim_McFadden@IngramMicro-Europe.com
To: qrp-l@Lehigh.EDU
Subject: [30946] First Kit Ideas
Message-ID: <C1256553.00420B5B.00@imde-migration>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

OK, here is the ever present "New Guy" question. I am living over here in Germany and want to do my first kit. Any ideas? Maybe from the UK? I don't want the hassle of having to go down to the Customs office in Munich to pick a kit shipped from the states. Big hassle. :-(
Second questions, I have some old sound cards available to me. Any good stuff
I should look at saving from the board? Thanks for time and assistance.

Tim DA2TF/KB2RLB,

Date: Tue, 18 Nov 1997 08:34:03 -0500
From: Paul Helbert <phelbert@rica.net>
To: terresfm@ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30947] Date Codes on Batteries
Message-ID: <3471994A.6736AFFB@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Almost all the lead-acid batteries I have seen use the simple A through L (months 1-12) with the final number of the year. Thus D5 is April 1995 (unless the thing has been around since 1985...very unlikely!) So what's being manufactured today is K7 batteries. The codes are usually branded into the case and usually appear on a small round two bycolor paper sticker as well. This simi-open date code serves the industry in that adjustment is made according to date of manufacture if the customer is unable to present a receipt or other proof of purchase.

Hope this helps.

Paul, Wv3j

Terres Family wrote:

> a sort while back there was a thing on the tube here on sears and
> reselling returned batteries as new. sears said they would clean up
> their act. during the program they said how to read the date of
> manufacture stamped into the case. any one know how date is coded?
>
> 72 jerry aa1of

Date: Tue, 18 Nov 1997 08:44:48 -0500
From: Paul Helbert <phelbert@rica.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30948] two bycolor
Message-ID: <34719BD0.7052C5D1@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think I wanted to say bicolor or bicolour even though black and white

are neither colors nor colours.

Paul, Wv3j

Date: Tue, 18 Nov 1997 06:52:32 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: terresfm@ncia.net
Cc: qrp-1@Lehigh.EDU
Subject: [30949] Re: DEEP CYCLE MARINE BAT?
Message-ID: <199711181352.GAA05474@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:43 AM 11/18/97 -0800, you wrote:

>a sort while back there was a thing on the tube here on sears and
>reselling returned batteries as new. sears said they would clean up
>their act. during the program they said how to read the date of
>manufacture stamped into the case. any one know how date is coded?
>

The month is alphabetical, the last number of the year, so A7 would be Jan 97.

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
Grid DM43bi Lat 33.334500 Long -111.87260
NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL
<http://www.dancris.com/~ki7mn>
WIMPS: QS0's=19 30=19 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=6

Date: Tue, 18 Nov 1997 09:04:26 -0500
From: Randy Hargenrader <randyh@harksystems.com>
To: qrp-1@Lehigh.EDU
Cc: klqrp@acpub.duke.edu
Subject: [30950] Pixie/40-9er Contest Announcement
Message-ID: <3471A06A.6B0B@harksystems.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is another reminder of the Pixie/40-9er Contest sponsored

by the KnightLite QRP Group.

Please take note of added bonus points for working any of the WQ_RP stations.

The Pixie and 40-9er Contest Rules

Dates/Time:

The contest will be held over a five day period, Friday, December 26th, through Tuesday, December 30, 1997. Hours will be 0100Z to 0300Z each night. You will report your best 3, two hour operating periods. You can operate for two hours each of the five nights, but you can only include your best three nights in your contest log.

Frequencies:

80 meters and 40 meters. Common frequencies for this contest are: 3.560, 3.686, 3.715, 7.040, 7.122 MHz.

Exchange:

The exchange will be RST, State/Province/Country, a 2 letter rig code and Name. The Rig Code will be used from the list below.

Scoring:

Points will be weighted to contacts by and with Pixies and 40-9ers.

*Note: Working any WQ_RP station multiplies that QSO points by 10!!!
For example: A "Pixie to QRP" QSO would net 20 points.

*Pixie to Pixie	- 6 points
*Pixie to 40-9er	- 4 points
*Pixie to QRP	- 2 points
*Pixie to QRO	- 1 point

*40-9er to 40-9er	- 4 points
*40-9er to QRP	- 2 points
*40-9er to QRO	- 1 point

*Multiplier = SPC worked.

There are many versions of the 40-9ers with output powers and mods that vary including conversions to 80 meters. They are all considered "40-9ers" for scoring.

Rig Codes:

Pixie	PX
40-9er	49
80-9er	89
A&A	AA
Green Mtn	GM
Home Brew	HB
HeathKit	HW
Icom	IC
Index Labs	IL
Kenwood	KW
LCK	LC
MFJ	MF
Norcal	NC
Northeast	NE
Northwest	NW
Oak Hills	OH
Oner	ON
Sierra	SA
Small Wonder	SW
TenTec	TT
Wilderness Radio	WR
Yaesu	YS

Awards:

The operator making the most contacts using a Pixie will receive a Digital Dial kit donated by the Radio Adventures Corp.

The operator making the most contacts using a 40-9er will receive a Tick Keyer kit donated by the KnightLites.

The operator making the most contacts with 40-9er's and Pixie's while operating any other rig will receive a Tick Keyer kit donated by the KnightLites.

Award Certificates will be issued for operators who earn the second and third highest scores for the Pixie, XX-9er, and "other rig" categories.

One person may only win one award. In the event that one person qualifies for more than one award, they will receive the one of the greatest value. In cases of ties, a coin will be flipped. The contest chairman, Randy Hargenrader, may participate but is not eligible for prizes and awards.

Reporting:

Send your logs before January 30, 1998 to:

Randy Hargenrader, WJ4P

132 Brandywine Dr

Summerville, SC 29485

Results will be posted on QRP-L and the Knightlite's Home Page.

--

73, Randy WJ4P

Knightlites QRP-L #296

Date: Tue, 18 Nov 1997 09:09:53 -0500 (EST)

From: aa8yo@tir.com (Bob Fox)

To: qrp-l@Lehigh.EDU

Subject: [30951] Thanks for Info

Message-ID: <199711181409.JAA13384@sun.tir.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Thanks to everyone who responded to my request for information
on the Tektronix 551 O'scope.

73 - Bob / AA8Y0

e-mail: aa8yo@tir.com
FISTS #3056 QRP-L #1174
QRP-ARCI #9487 MI-QRP #1595
Bona fide CW Junkie
Amateur Civil War Historian

Date: Tue, 18 Nov 1997 09:16:21 EST

From: n4so@juno.com (charles k brown)

To: qrp-l@Lehigh.EDU

Subject: [30952] Propagation Charts in Graph form

Message-ID: <19971117.211347.4383.11.n4so@juno.com>

Solar report in graph form is at a Web site -

<http://www.dxlc.com/solar>

Shown in a graph format-- solar flux, sunspot number, and Planetary A-Index and additional data.

Source: CQ mag. Dec. 1997, p. 50.

Also in CQ mag. for December, Ten-Tec's 1300 series of QRP transceivers and the LDG Electronics Antenna Tuner on page 40/41.

Ken Brown, N4SO

QTH nr Mobile, AL/ EM50tk

qrp-1 #622

n4so@juno.com

Date: Tue, 18 Nov 1997 09:18:48 -0500

From: Randy Hargenrader <randyh@harksystems.com>

To: qrp-1@Lehigh.EDU

Cc: klqrp@acpub.duke.edu

Subject: [30952] Bonus points added to Pixie Contest

Message-ID: <3471A3C8.1FF2@harksystems.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

There will be bonus points for working the WQ_RP stations during the Pixie/40-9er Contest! This is a special request to all clubs with WQ_RP calls to put a station on the air to help the participants garner the bonus points!

!!!! Working any WQ_RP station multiplies that QSO points by 10!!!

For example: A "Pixie to QRP" QSO would net 20 points.

*Pixie to Pixie	- 6 points
*Pixie to 40-9er	- 4 points
*Pixie to QRP	- 2 points
*Pixie to QRO	- 1 point

*40-9er to 40-9er	- 4 points
*40-9er to QRP	- 2 points
*40-9er to QRO	- 1 point

Of course, the WQ_RP station gets the standard points. The "other" station gets the bonus points! But with everyone looking for you,

the WQ_RP stations should stay busy!

--

73, Randy WJ4P

Knightlites QRP-L #296

Date: Tue, 18 Nov 1997 07:46:31 -0600
From: "Rattray, Bruce" <Rattray@siast.sk.ca>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [30953] Monday foxii
Message-ID: <ABB04875E11AD01191A40000F83092BE3B3F6E@stone.siaast.sk.ca>
MIME-version: 1.0
Content-type: text/plain
Content-transfer-encoding: 7BIT

Well I spent the time learning more about Log-Eqf while looking for the foxii and printing the manual...HI HI...I guess Gary heard about the "big guns on the high ground" from Canada so he did his tunnel thing...heard you twice, briefly, Gary with all my secret weapons cranked into the listening circuit...called a few times but no luck....the N/T was so scared of the "show no mercy" Canadians that he didn't even show up at all!...HAR!...bring on the next Fox!!...lock and load...I'm ready!...or is it load & lock?... no,no...it's pour the powder in...ram the patch in...pull the hammer back...put the cap in...boy, I'm going to have to practice this before the next fox ...I need patches...now where's my old underwear?72 - Bruce
(VE5RC) QRP-L#886
"QRP! How sweet it is!"

e-mail: rattray@siast.sk.ca

Date: Tue, 18 Nov 1997 09:40:45 -0500
From: Sam Billingsley <sbillingsley@mindspring.com>
To: "Qrp-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [30952] Controlling Offsets for K1MG Clock/Counter Module
Message-ID: <01BCF406.2813D220.sbillingsley@mindspring.com>

I am interested in the K1MG Clock/counter Kit from Bly Sky Engineering. I have the Web Site but there is no direct email address. I am designing a multi-band HF QRP transceiver and would like to use the counter/clock kit. The general specifications talk about programming up to 31 different offset frequencies so you can effectively put this into a xcvr with VFO with premix xtals and BFO. Apparently you can program the offsets via two

buttons on the face of the unit.

My question: I would like to have a front panel switch on the xcvr to control ALL band dependent switching using ground and/or positive DC voltage control. Is there an interface into the unit to do this? I don't want to have to push multiple buttons when changing bands.

Any help with the Direct email address of Blue Sky Engineering Co. or comments from anyone that has a unit would be appreciated.

I am a digest mode user please send responses directly to me unless you think all list users would use the info.

Sam Billingsley,AE4GX e-mail: sbillingsley@mindspring.COM
Atlanta, GA 30342
Wire Antennas, Butternut Vert, AEA IsoLoop
Ramsey 1w 40 mtr xmtr/rcvr, Index Labs QRP+ ,HW7, HW8, HW9
Norcal 38s/5w/Tick
norcal#2210,MI-QRP#1567,qrp-1#1033,ARCI#9356,G-QRP#9660,ARS#269,
NOGA,CQC#454,AL/QRP#308

Date: Tue, 18 Nov 97 10:21:43 PST
From: gregoire@endor.com
To: Low power amateur radio discussion <qrp-1@Lehigh.EDU>
Subject: [30953] FW: RE: Paddle Bases & other ramblings
Message-ID: <Chameleon.971118102255.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

I thought there would be some interest here.
So I am forwarding a reply to an earlier
post.

-----Original Message-----
Hello Tim,

Your post about a porcelain base for a set of paddles
sparked an idea here. (Yes , I know it's a pun, I like puns).

I live in NH., the Granite state. There is a grave stone
factory in my town. They have scrap pieces that have broken
off in the process of finishing. These pieces are flat and
smooth on one side and are from 1 to several inches thick.

The plant also has a gift shop. It has some very unique items that are made of granite, and look great when finished to a high gloss. They also sell exotic marble from around the world.

Paper weights, desk top flag holders,(I have one of these,) and numerous other stuff are made there. Some of the more exotic stuff is imported.

How would you like to have a set of paddles with a granite or marble base?

Granite is not as heavy as steel or brass, so the base would have to be larger to get the same weight. The larger size would accommodate a larger rubber mat. This mat would prevent the paddles from sliding around when in use.

I have a steel base Vibroplex that I just modified. I used guitar picks for wipers, and replaced the three rubber feet with four, stick on rubber feet.

The base is not tippy now. The wipers are very thin, and have some flex. The old wipers were too thick and had no flex at all.

I'll bet that a granite or marble base would really turn some heads?

de AA1IK,	Time the accursed enemy of man,
Ernie Gregoire	cursed youth for going to slow
	and by the old for going to fast.

R.R. 1, Box 221,	
South Rd.	Fists # 2644, ARCI # 9500
Canaan, NH. 03741	QRP-L # 95, Fly fisher & tier,
	Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

11/18/97 08:44:40

-----End of Original Message-----

de AA1IK, Time the accursed enemy of man,
 cursed youth for going to slow
Ernie Gregoire and by the old for going to fast.

R.R. 1, Box 221,
South Rd. Fists # 2644, ARCI # 9500
Canaan, NH. 03741 QRP-L # 95, Fly fisher & tier,
 Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

11/18/97 10:21:43

Date: Tue, 18 Nov 1997 11:32:05 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [30954] Moles EXIST!!
Message-ID: <Pine.LNX.3.93.971118112351.678B-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Didn't look at yesterdays mail until this morning. I noticed an envelope addressed to me with my handwriting... The card from NN50CIA has arrived! They do exist, they do QSL :)

A very nice card with the CIA logo on the front, and a background of five character "crypto stuff". There is a nice little blurb on the back about how radio communications plays an important role at the CIA and that many CIA employees are active hams. I'll try to get it scanned and put up on a web site. Hmmm... wonder if it self destructs when copied. "Should you decide to accept this QSL Mr. Phelps..."

Now if I can just get one of Nil's badgers to send me a card I can start a small mammal theme area on the wall of the shack... got the KB7MBI fox card, the CIA mole card...

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 27/10(w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #????? | http://dns.vidtel.com/~ccart --

Message-ID: <v02130501b0976779ab56@[192.31.66.158]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Cameron - I use a 115 AH deep cycle marine battery that I bought at Sam's Club. I recomend that you get the biggest size that you can. I charge mine with a 6A "automatic" battery charger designed for automotive batteries. A similar charger with up to 10 A capacity could be used, I just had a 6A one. I have used the whole thing for 3 plus years with no problems, and plenty of reserve capacity. The battery will provide 2 to 3 weeks of casual operating at 100 Watts, and a lot longer at QRP levels of course. The above combination will cost a lot less than a 12V supply. - Duffey KK6MC/5

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Tue, 18 Nov 1997 09:47:13 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30957] foxii
Message-ID: <Pine.OSF.3.96.971118094553.20930A-100000@duke.usask.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This may be a dumb question but what are foxii? Are they the same as foxen (ie. the plural of fox). Or is it a special ham radio term?

Thanks.

+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca http://duke.usask.ca/~buydens |
| VE5RDV |
| |
| DO NOT ADD ME TO ANY MAILING LISTS WITHOUT MY CONSENT !!! |
+-----+
| Here is a real question I was asked by a vendor: |
| "Are you at the University of Sasquatchewan?" |
+-----+

Date: Tue, 18 Nov 1997 10:49:06 -0500
From: Tom Morgan <liveoak@sccoast.net>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [30958] Portable Ant??
Message-ID: <01BCF415.4FF86260.liveoak@sccoast.net>

QRPers,

I'm looking for a good lowcost portable antenna (hopefully something in the <\$20 range) for either 20 meters, 40 meters, or 30 meters (or two of them would be nice!!) just let me know if you have anything worth looking at. My E-Mail is liveoak@sccoast.net.

Tnx,
Tommy Morgan KU4LC

Date: Tue, 18 Nov 1997 09:53:02 -0700
From: Steve Galchutt <n0tu@webaccess.net>
To: gregoire@endor.com
Cc: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Subject: [30959] Re: FW: RE: Paddle Bases & other ramblings
Message-ID: <3471C7EE.420A@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Ernie, I had an old brass key many years back that I mounted on a hunk of dark green marble it looked and worked GREAT! Sad to say it was lost it in a divorce! Anyhow, the marble was impossible to drill so I super glued it. I would be interested in going in on this as a group purchase of this material if that's what ur thinking? Steve/n0tu

-----Original Message-----

> Hello Tim,
>
> Your post about a porcelain base for a set of paddles
> sparked an idea here. (Yes , I know it's a pun, I like puns).
>
> I live in NH., the Granite state. There is a grave stone
> factory in my town. The have scrap pieces that have broken
> off in the process of finishing. These pieces are flat and

> smooth on one side and are from 1 to several inches thick.
>
> The plant also has a gift shop. It has some very unique items
> that are made of granite, and look great when finished to a
> high gloss. They also sell exotic marble from around the
> world.
>
> Paper weights, desk top flag holders,(I have one of these,)
> and numerous other stuff are made there. Some of the more
> exotic stuff is imported.
>
> How would you like to have a set of paddles with a granite
> or marble base?
>
> Granite is not as heavy as steel or brass, so
> the base would have to be larger to get the same
> weight. The larger size would accommodate a larger
> rubber mat. This mat would prevent the paddles from
> sliding around when in use.
>
> I have a steel base Vibroplex that I just modified.
> I used guitar picks for wipers, and replaced the
> three rubber feet with four, stick on rubber feet.
>
> The base is not tippy now. The wipers are very thin,
> and have some flex. The old wipers were too thick
> and had no flex at all.
>
> I'll bet that a granite or marble base would really
> turn some heads?

Date: Tue, 18 Nov 1997 10:38:07 -0600
From: "Rattray, Bruce" <Rattray@siast.sk.ca>
To: "'QRP-L'" <grp-l@Lehigh.EDU>
Subject: [30959] QRPLSS - VE5QRP -
Message-ID: <ABB04875E11AD01191A40000F83092BE3B3F74@stone.siastr.sk.ca>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7BIT

Here's a short summary of my time in the SS Contest in the QRP, SSB category, 5 watts using the call VE5QRP.

132 contacts with 57 sections worked. I operated on 20 & 40 mtrs. I used a HyGain 2 el tribander at 50 feet and a delta loop on 40 mtrs. Time on was approximately 9 hours in total of very casual operating. All contacts were 'hunt & pounce'.

Sections missed were MAR, EMA, NLI, PQ, ME, MS, ID, ON, NNY, MT, MB, SC, AB, WMA, SF, ND, SD, VA, WY, PAC, AK and NLF/LAB.

Like other qrp stations in the contest, I received many compliments about my qrp signal. I found the 'reception' given by the stations I contacted was most cordial and I felt welcome in the contest. I provided the last section for a Clean Sweep for K8FT in Michigan and I sure got a kick out of doing that. It was so much fun I think I'll try to put more time in next year...HI HI...

...72 - Bruce Rattray (VE5RC & VE5QRP) e-mail: rattray@siast.sk.ca
128 Durham Dr.
Regina, SK. S4S-4Z2

Date: Tue, 18 Nov 1997 09:21:51 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: mail4gary@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30960] Re: W2UX Fox Report....P.S.
Message-ID: <3471CEAF.C391AF72@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gary M. - W2UX wrote:
>
> And P.S. for those who want to know.....
>
> Rig is a TenTec Argo 556 set to 4 watts.

Gary, I noticed that you jumped around in frequency a lot. I was going to ask if you were doing it on purpose to get away from QRM, or if it was your rig...now I know!

Actually, this is a useful feature for the fox. It throws the hounds off for a few moments whenever it jumps. That's how I finally got a clear shot at you last night!

The propagation was interesting, too. You went up and down in strength

quite rapidly. You were good and loud in CA on the peaks and inaudible in the troughs. I notice in your report that I worked you consecutively with several other CA stations. That was one of the peaks. Thanks for a good time.

Vic K2VCO
Fresno CA

Date: Tue, 18 Nov 1997 09:46:13 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: qrp-1@Lehigh.EDU
Subject: [30961] Ham Radio Pays Off
Message-ID: <3.0.1.32.19971118094613.00702428@dpol.k12.ca.us>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I received a very gratifying phone call last night that I want to share with all of you. Doug Hauff, of San Luis Machine called me and wanted to say thank you for my help in getting his business back on line. How did I help? Well, it wasn't just me, it was all of you who are QRPers and contribute to the hobby of building and having fun.

Doug has a CNC controlled milling machine that is the bread and butter of his operation. He literally depends on it to make his living. The machine is controlled by a mother board, and it went south 6 weeks ago. Doug has fought this machine for 6 weeks, and had his emotions run the gamut as he went down several false trails, hoping for success, only to have his hopes dashed at every opportunity until yesterday.

He finally got hold of the right guy at the company that manufacturers the control system and he had Doug check parameters. The problem had been isolated to a software problem. The tech had him change some chips related to the problem, and he told Doug to use a screwdriver to pry the chips out of the sockets. When he did, he damaged a trace, actually cutting it. Doug put the new chips in, fired up the machine and nothing. He was sick. Then he thought about what he had done, and since the board was double sided, realized that the guy's advice to use a screwdriver to pry up the 28 and 40 pin chips might not have been a good idea. He pulled the chips again and started looking for a cut trace, and guess what, he found it. Now comes the neat part. Doug soldered in a jumper over the cut trace, put the chips back in, and the machine worked!! Hooray, whoopie, YES!!! After 6 long agonizing weeks, it was over, it was back on line.

Doug told me that he never, ever would have had the ability or the confidence to tackle the repair if he hadn't have built and heavily modified a 49er and a 38 Special. The skills that he learned while being a real ham, one who builds and learns, so that he can operate really paid off. How much? Well, a new board that he damaged and fixed would have

cost \$4000 and another week of down time.

I really appreciated Doug's taking the time to call and say thank you. That was one of the little things that add up to big ones for me. Had to share this with all of you, because you have helped also, and deserve the credit for your efforts. Thank you. I hope that you have a smile on your face when you stop and think of what Doug looked like when the machine was fixed finally, and was fixed because of his efforts and what he learned through being associated with ham radio and QRP. 72, Doug, KI6DS

Date: Tue, 18 Nov 1997 11:30:36 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: Steve Galchutt <n0tu@webaccess.net>
Cc: qrp-1@Lehigh.EDU
Subject: [30960] RE:Paddle Bases (plus Leather)
Message-ID: <199711181831.LAA16659@bobcat.sni.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi, Steve--

>>Hi Ernie, I had an old brass key many years back that I
mounted on a hunk of dark green marble it looked and
<<

Marble is neat. The PMG key that I took my sending test on was a big
old brass key on a marble base-- don't spoze anyone has one to
sell??? Meanwhile, I have a Hi-Mound paddle on marble (they're
discontinued, and picture on my keys page:
<http://xanadu.chisp.net/users/n1fn/keys.htm>

Also local Nate, KD0UE has access to some very nice thin leather, and
it seems gluing it to the stock steel base would provide an
interesting effect and save a LOT of work. You can reach him at
nateb@ecentral.com

73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com

Milestone Technologies
Software, kits, tools...
<http://www.mtechnologies.com/mthome>
(303)752-3382
--

Date: Tue, 18 Nov 1997 13:28:30 -0500
From: ckrelic@usaor.net
To: qrp-L@Lehigh.EDU
Subject: [30961] Looking/OHR
Message-ID: <3471DE4D.6E48F013@usaor.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone have a OHR Classic they never got around to building and want to sell?
Also looking for a Unbuilt OHR400 for a local ham that missed out on the last ones sold.

Thanks
Curt
Ka3ivb

Date: Tue, 18 Nov 1997 13:58:10 -0500 (EST)
From: PDouglas12@aol.com
To: QRP-L@Lehigh.EDU
Subject: [30962] QRM Squasher T/R
Message-ID: <971118135809_-155309168@mrin43.mail.aol.com>

Hi Gang,

Yesterday, I posted a cc of a note I wrote about the DeMaw QRM Squasher, which has MKII and MKIII versions published in the past year in CQ. To clarify, both versions have T/R relays in them. However, they require a switched line from the transceiver in order to keep from transmitting through the front end of the Squasher, which would blow it up. Such a system would preclude using multiple transceivers, and would require that there be available a switched line at the back panel of the transceiver in use. Most commercial transceivers indeed have such a line available for switching

linears. However, few QRP rigs have such switching handy. That is why I said the squasher needs T/R.

However, what I really had in mind when I said they don't have T/R switching was automatic, RF sensed T/R switching. That is, the device can sense when it is being transmitted through, and switch itself out of line, to both protect the device and send the transmitted signal out unimpeded.

In point of fact, the ANC-4 made by JPS and presumably the MFJ have **RF** switched T/R, which, if sufficiently sensitive, would work with QRP rigs. My ANC-4, indeed, does just that. It requires a mod to detect below say about 3 watts, but it will even do that. And with RF sensed T/R, I can leave the ANC-4 in line all the time and switch all my little QRP rigs in and out, as I choose, just by switching the antenna switch among them. I don't have to worry about adding a whole new rats nest of wires to switch 12v to the relay from each rig--especially since the first time I knock one of those wires out, and then transmit, I will have a blown Squasher. So, indeed, the Roy Gregson mod to the DeMaw device is intended to give the Squasher RF sensed T/R. That is the part I hope to add to my Squasher and report on the whole. Eventually. :-)

72,
Preston WJ2V

Date: Tue, 18 Nov 1997 19:12:29 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [30963] NOVICE/TECH+ FOX SCORES
Message-ID: <199711181912.TAA10151@chuck.dallas.sgi.com>

NOVICE AND TECH+ SCORES
November 18, 1997

Total Number of Qs = 217!!!

```
+-----+
+                               +
+          FOX SCORES          +
+                               +
+-----+
```

KB7MBI	Alan	107
KF4TRD	Mike	20
KF4HAW	Dave	16
W2MBY (ex-KC2CFZ)	John	54
KB0VRV	Tim	19
N0GLM	Preston	1

```

+-----+
+
+          HUNTERS SCORES
+
+-----+

```

```

-----+
K0EVZ(8) W0CH(5) KB0YSN(2) KB0ROL(2) NOHJ(2) KI0II(5) K0SU
          NI0A(4) W0CLR(2) KB0PTE K0ZK KB0ZDF KE0WW(4) WB0ROQ
          KB0ZDF(4) KB0PTE(2) KQ0I KB0LMQ WB0T N0YKO N0UVR
          W0DT
-----+

```

```

-----+
N1QQV(4) AK1P WA1QVM K1HS
-----+

```

```

-----+
WZ2T K2VCO KC2CFZ(2) N2MNN KF2PH N2WF N2TNN N2GO KF2HC KB2SGM
W2JB
-----+

```

```

-----+
N3VXI(3) N3XRV N3YSI(3) W3PNL N3WXI KJ3V(2)
-----+

```

```

-----+
N4S0(6) WB4EXW(3) WD4MNM KU4AF(2) N4ROA(3) AE4IC AE4GX
          K4PYM KK4KF KF4TRD KE4IZH KS4L WD4MSM KD4PUP KS4L
-----+

```

```

-----+
KA5T(6) K5ON(8) KK5KU K5ZTY AA5TA K5ID(4) KE5TC WB5FKC K5OI
          KC5FMZ K5FO
-----+

```

```

-----+
KI6OY WE6W(4) K6MW N6CHV N6WG(3) N6MM K6VNX K6RPN KF6CTA
          W6SIY KK6MC WA6NAE AA6AD
-----+

```

```

-----+
W7QQQ KI7MN(2) N7XJW NQ7X(5) W7SSM(2) W7GVN(3) KC7KHD N7VE
          N7CQR KU7Y(5) W7JDZ(2) KB7MBI KA7NOC(2)
-----+

```

```

-----+
W8KC WA8GHZ K8DD(2) W8SFF
-----+

```

```

-----+
W9UQB(3) AF9T(2) NN9K(2) N9KW(3) KB9IUA(3) AA9UK WB9HFK(3)
          WA9PWP(4) N9AW(2) N9KW
-----+

```

```

-----+
VE3ELA(8) VE5RC(3) VE7CQK
-----+

```

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>

Date: Tue, 18 Nov 97 19:31:23
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@Lehigh.EDU>
Subject: [30964] Re: FOX: Monday N/T
Message-ID: <199711181939.NAA15204@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well David, I heard you in there and called a couple of times, but your signal was just at the noise level here and I could not identify a response to me...

I am running 5 watts to a ground mounted HF6V vertical....

Worked W2UX in SC about 0231, his sigs quite loud...

Keep it up... the propagation will smile sometime....

Larry KA5T lewise@inetport.com Georgetown, Texas

Date: Tue, 18 Nov 1997 14:53:42 -0500
From: Bill Marsh <k3as@dol.net>
To: qrp-1@Lehigh.EDU
Subject: [30963] Reverse TVI (IVT?)
Message-ID: <103110700b097552d5236@[204.183.91.99]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I finally got my TT 7330 working right and was amazed at the high noise level on 30 meters. Never worked that band before, and never had the noise on any other band. It took just a few minutes to realize that the noise was being created by a TV set in the family room, which is on most of the time. Also confirmed that it is coming out through the AC line from the TV set - a small transistor rx hears the hash on all the other switches and outlets on that line. It is not tunable, and is about S5 in strength. The

character of the noise changes slightly as the picture on the screen changes. I am using an attic antenna. So I guess the power line is radiating the signal and my indoor antenna is picking it up. It seems to me that I need some kind of filtering at the TV rx to keep the hash out of the house wiring. I have tried rectangular and tubular ferrite devices on the TV AC cord, and a RS AC line filter also at the TV set. None of them had any effect at all. I would very much appreciate any advice from the group. Thanks es 72.

Bill K3AS

Date: Tue, 18 Nov 1997 19:53:43 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [30964] Political Stuff
Message-ID: <199711181953.TAA10257@chuck.dallas.sgi.com>

Gang,

I have just posted the Novice/Tech+ scores as I have them and corrections will follow next week after I get updates.

The reason for the title to this posting.

You will note that KB7MBI, Alan Dujenski has set a new record of 107 total Qs and still has some sessions to go and we aren't even into next year. The kid is up to 13+ wpm and climbing. Will be doing 20wpm before the first blade of grass comes up in the Spring.

For some reason, which I don't even care about, some people on this list evidently sent email to Alan when he made an honest error and somehow added an attachment to a posting. I probably missed it as I delete a message immediately upon reading the front and the attachments I see all the time and just delete. You gotta remember a bunch of us have disk space and know the delete key pretty well, although I do read each message. Knowing how to use your mail reader helps a lot.

I did not see how long the attachment was and frankly I don't care. I know how Alan feels about getting nasty email, I get the same kind of mail periodically but you just have to go with the flow. There are always the net-police and people who have better ideas and want control.

BUT, some of the people on this list have nothing better to do than send people nastygrams for spellings, etc. W6TOY/3 I remember posting that the reason I banned two members previously was for this. That is in total error, wrong, not even close. It was for flame wars and refusing to apologize for nasty behaviour. I have people call this group the largest group of Bozo's in the world. That person is no longer with us as a subscriber. Picking on the group or individuals in the group will not be tolerated. Take the school yard fights elsewhere.

Some people have until sundown to apologize to Alan. No exceptions. So if you sent him email, now is the time to politely apologize and let it go or be dropped from the rolls. No other warnings will be given. You know who you are and you don't need me to tell you who you are, just do it. I do want to hear back from him that all is well with the world as we know it.

He has asked me to quietly drop him from the Novice fox list. I am sorry Alan but I can not do this. This group's main purpose in life and for the duration of its life is to help others at any and all costs. Without helping Novice/Tech+'s to upgrade, without helping others to grow and become technically more skilled in building and understanding ham radio, and to help others who need help in upgrading either license class wise or equipment or operating skills then the life of this group is close to an end.

We are here to encourage one another. Together we stand, divided we fall. There are too many pressures on each of us for our time, money, and energy. I know that this group will continue to grow. We have spats and we have personalities involved. No problem.

Let Jim and I worry about the little stuff. That's why we make the big bucks. :-) This is not English 101 so no need to waste your time and anyone else's in pointing out minor errors. And we don't care how much disk space you have and how much you are paying for ISP services. Messages sometimes get lengthy. That is your problem, not ours. With the competitive climate and the lower costs it shouldn't be an issue. The amount of traffic this group generates (and this posting is just more to the fire) you can expect a lot. Hopefully the S/N ratio is good, but it will never ever be perfect.

It's the '90s and it's the Internet as we all know it.

I apologize to Alan in this public forum for this posting. He is not the reason for it. He deserves the best treatment this group can give him and I and everyone else expects no less from the rest of the group.

Hopefully I will not have to send an email to Jim in the a.m.

So, I'm off the soapbox and now on with the show. No discussion followup needed. It's done, it's about to be over with; so as you were ladies and gentlemen. I love this group and the things that you collectively and individually have done over the years. Keep up the good work.

If anyone gets nasty email, the door is always open to my office. (That's email from this group :-)

FYI de K5FO QRP-L #1 and hopefully I won't have to do this ever again

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>

Date: Tue, 18 Nov 1997 13:04:37 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: ke3nv@erols.com
Cc: qrp-l@Lehigh.EDU
Subject: [30963] Re: Thanks Bubba Joe!
Message-ID: <199711182004.NAA08101@usr05.primenet.com>

Scott (W3CV) wrote:

> It really pays to send in your logs when you operate in the Bubba sprints!!
> I am the happy winner of the Bubba Summer Sprint random drawing. For my
> effort, I will have a lunch paid for by Bubba Joe/AB7TT of the AZ ScQRPions!!

You're very welcome, and congrats!

Actually all us AZ ScQRPions chipped in to send you on that extravagant gastronomic adventure - I was just the guy who sent all the stuff out. ;-) Hope it helps you build up that

all-important "winter layer" for FYBO.

Don't forget, in BUBBA and FYBO everybody wins! Some just win more than others. :)

Two BUBBA prizes are still waiting to go out. Just found a good used issue of TV Guide, so Jan start watching your mailbox. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"What, a raw frog?!? Don't you even take the bones out?!?"
"If we took the bones out they wouldn't be crunchy, would they?"

Date: Tue, 18 Nov 1997 15:04:43 -0500
From: rerobins@unccvm.uncc.edu (Rick Robinson)
To: qrp-1@Lehigh.EDU
Subject: [30964] W2NSD and C0\$
Message-ID: <v02130506b0975c99e2c6@[152.15.144.13]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Has anyone else caught Wayne's recent references to his being one of the first persons to study Dianetics from L. Ron Hubbard himself? Maybe this explains some of Wayne.

72/73,

Rick kf4ar

Date: Tue, 18 Nov 1997 13:26:28 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [30965] Re: LI/NJ-QRP Doghouse Sprint
Message-ID: <199711182026.NAA09097@usr05.primenet.com>

Howdy Folks,

Kevin (N2T0) wrote:

> Less than 6 days to the LI/NJ-QRP Doghouse Operation Sprint.
>
> So who's in?

Woof! :-)) OK, so I don't have a doghouse. Don't even have any dogs. I have two cats. But I'll be out there, sending RF to the far corners of the world. Area code 602. Yep, the area code with (guaranteed) the highest QRPers per capita of anywhere in the US. So I won't even be rare. I'll be as common as those annoying "Good Times Virus" myths that just refuse to go away.

See ya there! (Yep, I'm catching up on 5 days of email...)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Tue, 18 Nov 1997 16:06:31 -0500 (EST)
From: MNHopkins@aol.com
To: QRP-L@Lehigh.EDU
Subject: [30963] re QRN Squasher III error
Message-ID: <971118160630_717780424@mrin44.mail.aol.com>

The QRN Squasher, model III appeared in the July CQ and the error on the FAR Circuits board was noted on the November issue.

I am sending out copies of both as a follow up to a friend's post on the topic on the Boatanchors reflector. He found the 'Squasher would work on the bad board, but at reduced gain.

For a copy of the article and the follow up, send SASE and \$1 to

Michael Hopkins
Box 226841
Dallas, TX 75222

73 de ab5l, michael in dallas, student of Tecraft and International Crystal (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
MNHopkins@AOL.com

Date: Tue, 18 Nov 1997 16:19:16 -0500
From: Barry Keating <Barry.P.Keating.1@nd.edu>
To: qrp-1@Lehigh.EDU
Subject: [30963] QRP+ Power Adjustment Shaft
Message-ID: <v03007803b097b5ad5e78@[129.74.86.74]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Group,

I need some help.

The Index QRP+ rig has a nylon shaft on the rear for adjusting the power level. The shaft is a slotted nylon shaft with grooves down the sides.

There must be a knob which will mate with this shaft (but I have not been able to find one). It is darned difficult to adjust down to milliwatt levels and back up to full power without a knob.

Anyone know of a particular knob for this shaft?

Barry Keating
WD4MSM

Date: Tue, 18 Nov 1997 15:04:24 -0600
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-1@Lehigh.EDU
Subject: [30964] NEW QTH;READY TO RADIATE
Message-ID: <00031938.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Hello gang,

It's been a little while since my last post. I have settled in to the new QTH (only abt 3 miles from the old place) and am now ready to set up the shack. I went thru the shakes, missing both SS this year, but maybe I'll have a good run next year.

As for antennas, I have the trusty R5 ready to be set up again. Since I have a few trees in this location, I'm planning on using them as nice supports for my wire antennas.

Here's my question to the group: I will be putting up a 130 - 100 foot long dipole fed with 450 ohm ladder line. Hoping to use it on 80-10, or at least 40-10. Unfortunately, the trees I'll be using aren't any taller than about 25-30 feet. So, I guess that's about all the height I can muster for the dipole. Any words of advice, caution, etc. about this type of antler? Can I expect TVI with this dipole? I realize the height isn't much good for 80 meters, but hoping to do a little work there. With a good ground system and tuner can I expect this to load well on these bands?

Any help, comments welcome.

Hoping to be "radio active" again soon.

73 de Dave NR3E/5
nr Dallas, TX
qrp-1 #25

Date: Tue, 18 Nov 1997 16:19:36 -0500
From: Ed Tanton <n4xy@bellsouth.net>
To: rerobins@unccvm.uncc.edu
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30965] Re: W2NSD and C0\$
Message-ID: <3.0.1.32.19971118161936.00b8db10@mail.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Was this before, or after, Hubbard died?

At 03:04 PM 11/18/97 -0500, Rick Robinson wrote:

>Has anyone else caught Wayne's recent references to his being one of the

Date: Tue, 18 Nov 1997 16:58:08 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "NJ-QRP" <njqrp@njqrp.org>, "LIQRP" <liqrp@waterw.com>, "QRP-L" <qrp-
l@Lehigh.EDU>, <vole@primenet.com>
Subject: [30967] Re: LI/NJ-QRP Doghouse Sprint
Message-ID: <199711182157.QAA81756@pimout1-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Joe,

OK great, now you gotta (how we say got to, or have to in Brooklyn) get all your cohorts from AZ involved, and let's make alotta noise! We have some ideas for the spring, warm weather, to the field kind of stuff, and we wanna make this a success.

I'll be operating from 718, Brooklyn, and hope to hear you and everybody else. Hopefully 15M will be open this Saturday in mid-afternoon.

And remember, the trick is to stay out the doghouse, by somehow balancing life and radio. If I can pull this off, get all the shopping done for Thanksgiving, I'm doing well. YL Mary just told me that she'll be eating with my family this year, so I'll be cooking with her. Ususally do it alone, with help from sister and sister-in-law in my mother's kitchen.

CU then.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Tue, 18 Nov 1997 13:38:00 -0600
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: grudin@pacific.vdbs.com
Cc: qrp-l@Lehigh.EDU
Subject: [30968] HW-8 output
Message-ID: <M2251353.009.v52d9.1.971118222756Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Jeff:

I believe 1.5w out is pretty much spec and typical for the HW-8.
That's what I get on mine also.
I've heard of people getting 2 watts, but not sure under what
conditions--higher battery voltage, reworked output circuit, who knows?

73, Bob N6WG and Ol' Kenwood
Newark, CA

Date: Tue, 18 Nov 1997 13:29:00 -0600
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: aa8yo@tir.com
Cc: qrp-l@Lehigh.EDU
Subject: [30969] Re: Tektronix 551 O'scope
Message-ID: <M2251351.007.v52d7.1.971118222755Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Bob:

For \$90 bucks or less, I'd say do it regardless. The cart is worth
more than that. You could resell it and throw the scope away!

73, Bob N6WG

Date: Tue, 18 Nov 97 16:57:44 EST
From: AL MUISE MR01-3/C3 297-8267 K1NZQ <amuise@asic.ENET.dec.com>
To: qrp-l@Lehigh.EDU
Cc: amuise@asic.ENET.dec.com
Subject: [30970] HW-9 Accessory band kit for sale
Message-ID: <9711182149.AA14824@us6rmc.mro.dec.com>

Hi everyone,

I don't send in many notes but really enjoy QRP-L.

My friend WA1RSP has a new HW-9 Accessory Band Kit for sale.
It gives the radio 8 bands and is in the original box.
He does not have a HW-9 so wants to sell it. Someone here
must want it. Make him an offer at dfbolles@juno.com.

Keep the good ideas coming.
Al K1NZQ

Date: Tue, 18 Nov 1997 14:21:03 -0800
From: David Smith <qrp-dave@ocsnet.net>
To: QRP-L@Lehigh.EDU
Subject: [30971] Cal Board 75M sidebander board
Message-ID: <B0000191656@ocsnet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi guys! I have a pc board and instructions from QRPP for the California Board 75M side band rig. Is anyone interested? I will ship it FREE to anyone who can use it. I do have an antenna tuner kit that could use assembling (I have limited vision) and mebbie that can be the exchange? Wha'dya think!

73, QRPDave

Date: Tue, 18 Nov 1997 17:40:38 -0500 (EST)
From: MNHopkins@aol.com
To: QRP-L@Lehigh.EDU
Subject: [30972] Giving Benson his due...
Message-ID: <971118170607_1659530855@mrin85.mail.aol.com>

When I lamented the passing of easy entry level kits with the passing of WA6IVC, I was happy to quote Dave Benson, inventor and proprietor of Small Wonder Labs. I consider him the Julius Caesar of modern QRP kit building -- trouble is, I am a Carthigenian.

The statment "You can build a transceiver for about the same parts count as a direct conversion receiver of equal performance," is true. It was true when he wrote it in the QRP Quarterly (he was Technical Editor) and when he said it at Dayton. His original NNIG, which ran about 5 incarnations 'till the ARRL messed up the diagram in the '95 Handbook, is a big reason he is right. Now he builds them smaller and better. I would help carve Dave's statement in stone -- it is the several implication of it that trouble me.

One implication is: "it is not therefore worthwhile to buiild a direct conversion receiver." Such a project is almost obligaoiry for the newcomer and the Ten-Tec 1056 is the clear choice -- kind of a meat eating Sudden/Neophyte. The Dayton statement also seems to stand for the view that crystal filter transceivers on little bitty boards are fine starter kits. They ain't. After you have counted the parts, soldered the joints, and

applied the power, if it does not work, you find out why.

Kit building is not a Calvinistic penance for low price. It is a learning experience at several levels and the troubleshooting of a won't work rig is graduate school in that particular college. Ade Weiss, when he wrote for CQ, devoted several columns to the fact, but I don't think anyone has mentioned it since. And when you are faced with fixing a transceiver you learn that it is far more complex than just the sum of a transmitter and a receiver. The complexities are both electrical and conceptual.

A tech/general study course gives one enough block diagram knowledge to get started on, say, my favorite Ten-Tec 1056 or a "Universal" transmitter.

It does not prepare one for diode pull down circuits or the nuances of the NE-602. Such things are so far beyond the block diagram view of things that the newcomer often simply cannot begin to understand how it works. The board goes in a drawer and he or she goes to the phone to order another Rising Sun Ricebox. The first-timer lost \$75 but we lost another would be convert to homebuilt radio equipment. That is how we become a society of short call Extras. Lets listen to a prominent one.

Chuck Adams, KF50, reviewed the new Ten-Tec transceivers for our Nortex QRP Club. He liked them fine, he said, but "they could have made them smaller." Yea, Chuck you are right. They could keep making them smaller and more complex 'till it takes a PhD like yours and eyes like my 13-year-old son's (KC5FDL) to be able to put them together. If they don't work we will have to send them to Ade Weiss or Roy Lewallen. And that is where the tide that Dave Benson and all the rest are riding leads -- a ever more exclusive private club. But it is not Benson's fault.

Benson is a very attractive devil indeed. He is an early master who stayed with the craft and when I cannot talk a newcomer out of a transceiver as a first project, I send him to Small Wonder, realizing that the very name places him in the belly of the beast. It is a lot like Milton, required reading for Congregationalist college kids, when Lucifer summed it up in Paradise Lost: "Maybe it is better to rule in Hell than to serve in Heaven."

73 de ab51, michael in dallas, who has a devil of a time getting his from-the-ground-up projects to settle down and wishes Dave would offer a kit of his Stable VFO.

MNHopkina@AOL.com

Date: Tue, 18 Nov 1997 16:51:09 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: <liveoak@sccoast.net>

Cc: "QRP-L" <qrp-l@Lehigh.EDU>, "NJ-QRP" <njqrp@njqrp.org>, "LIQRP" <liqrp@waterw.com>
Subject: [30972] Re: Portable Ant??
Message-ID: <199711182151.QAA69576@pimout1-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Tommy,

Not sure how portable your needs are, but I use a 40M dipole center-fed with 440 stranded ladderline to a tuner. I usually setup as an inverted-vee, using a slingshot and 1 to 2 oz weight with light fishing line or a pipe elbow as a weight and throw a strike over a branch. Us kids from Brooklyn grew up playing baseball, which helps in this case.

I setup the ant as a flattop if space and time permits.

I use approx 40+ feet of feedline, with a small roll of extra in case I need more line. This works out very well and performance is excellent on 20, 30 and 40M.

I use insulated stranded 14 ga wire for the element, but just bought some 16 and 18 ga wire recently from Home Depot, so I'll be making a new ant in the spring. The stranded ladderline folds on itself very well, from the Wireman. I have homemade center insulators made from 1/4" plexiglass, with 3 slots for the ladderline to pass as strain relief.

ANother excellent ant is the W3EDP, 85' wire with 17' counterpoise. Get the element as high and in the clear as possible. The first 17' of line off the tuner end of the element acts as a "feedline" against the counterpoise and will not radiate. I've used this ant indoors on the 3rd floor of a woodframe house, spoke all over US and into France with 3 watts on 30M and 2 watts on 40M. Also used this while on vaca in NH, spoke up and down US and Germany twice on 40M. I also bring along an SWR analyzer, helps matching.

If you don't want to bother with tuner, maybe a fan dipole with rope spreaders, coax fed. Can use a coax balun or 1:1 bead balun at the feedpoint, inverted-vee or flattop dipole, or skip the balun altogether. Maybe the radiation off the coax can be to your advantage when portable. I've experimented with portable verticals, and my dipoles beat the pants off the vertical. It's a case of VERY poor ground in NYC area, and 13 radials is not enough.

I'm going to experiment with raised radials in the spring. Ran out of warm weather! If I can get enough radials or raise them 5% of a wavelength off the ground; i.e. 4.5' for 20M, it should work OK. I have the PVC pipe, all

the wire, etc., just ran out of time. Will see how it goes in the spring and report in case anyone's interested.

I think nothing beats a fullsize dipole, but hey, maybe a half-wave end-fed wire and the NJ-QRP Rainbow Tuner by Joe N2CX, too? This way you'd have an easy-up antenna, without having to schlep a tuner and/or analyzer?

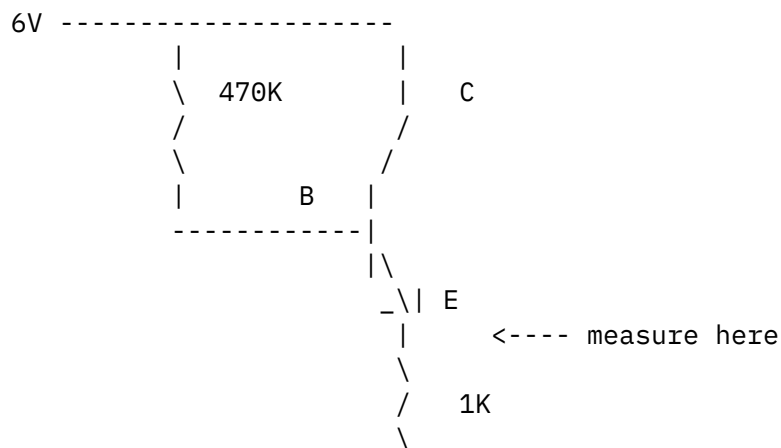
GL and let me know how you make out.

72 Kevin N2T0
Brooklyn, NYC
kfglynn@prodigy.net

Date: Tue, 18 Nov 1997 14:47:59 -0700
From: torell@sicom.com (Kent Torell)
To: qrp-l@Lehigh.EDU
Subject: [30973] 2222: hfe measurements
Message-ID: <v02130504b097bac2ec73@[192.91.202.41]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just got my envelope of transistors from HB Electronics, so I built a jig to measure the dc gain (hfe). All the parts were well within mfg specs. The 1ma hfe average was 188, with a high of 223 and low of 150. For comparison, two motorola metal can 2n2222a's from work measured at 200.

My measurement jig was pretty simple; I used a high impedance dvm (radio shack!) and measured the voltage across a 1k resistor. The Vbe was 0.620, a power supply of 6 volts, and a 470K bias resistor from collector to base.



-----|----- Gnd

Current in mA is V_e in Volts ($I = V_e/1000$).

$h_{fe} = I_c/I_b = V_e * 470 / (6.0 - 0.62 - V_e)$

Not precise, but you can quickly grade your transistors this way.

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A scQRPion 6,qrp-1 57,ARCI 9075 DM33xn 33.55 N 112.078 W

Date: Tue, 18 Nov 1997 13:34:00 -0600
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: qrp-1@Lehigh.EDU
Subject: [30974] W2UX Fox night
Message-ID: <M2251352.008.v52d8.1.971118222755Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Gary:

Sorry not to work you last night. I could just barely hear you most of the time, then you would pop up in the clear for about half a transmission. Took a while to piece your information all together. Does half a fox count?

Glad at least one CA station worked you.

72, and maybe another time.

Bob N6WG and 01' Kenwood

Date: Tue, 18 Nov 1997 16:16:54 -0600
From: "Rattray, Bruce" <Rattray@siast.sk.ca>
To: "'QRP-L'" <qrp-1@Lehigh.EDU>
Subject: [30975] W2UX
Message-ID: <ABB04875E11AD01191A40000F83092BE3B3F7D@stone.siastr.sk.ca>
MIME-version: 1.0
Content-type: text/plain

Content-transfer-encoding: 7BIT

...some calls heard while trying to find and contact Gary...KJ40W, K1LU,
W0AB, KK2S, W9NN, W5SB, W3MT, K8BVJ, N6OH, W2UX(heh,heh), WA0IA, W7GU,
WA4LJJ, K2VC0, K5NQ...and so it goes...72 - Bruce(VE5RC)

End of QRP-L Digest 913
